

## Exam Questions PL-300

Microsoft Power BI Data Analyst

<https://www.2passeasy.com/dumps/PL-300/>



### NEW QUESTION 1

HOTSPOT - (Topic 1)

You need to create a visualization to meet the reporting requirements of the sales managers.

How should you create the visualization? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Visualization type: ☐ Card ☐ Donut chart ☐ Gauge ☐ Key influencers ☐ KPI

Indicator: ☐ Date[month] ☐ Sales[sales\_amount] ☐ Sales[sales\_id] ☐ Targets[sales\_target] ☐ Weekly\_Returns[total\_returns]

Trend axis: ☐ Date[month] ☐ Sales[sales\_amount] ☐ Sales[sales\_id] ☐ Targets[sales\_target] ☐ Weekly\_Returns[total\_returns]

Target goals: ☐ Date[month] ☐ Sales[sales\_amount] ☐ Sales[sales\_id] ☐ Targets[sales\_target] ☐ Weekly\_Returns[total\_returns]

These are the selections for Indicator

- A. Mastered
- B. Not Mastered

Answer: A

#### Explanation:

Scenario: The sales managers require a visual to analyze sales performance versus sales targets.

Box 1: KPI

A Key Performance Indicator (KPI) is a visual cue that communicates the amount of progress made toward a measurable goal.

Box 2: Sales[sales\_amount]

Box 3: Date[month]

Time > FiscalMonth. This value will represent the trend. Box 4: Targets[sales\_target]

### NEW QUESTION 2

- (Topic 1)

You merge data from Sales.Region, Region\_Manager, Sales\_Manager, and Manager into a single table named Region. What should you do next to meet the reporting requirements of the executives?

- A. Apply row-level security (RLS) to the Region table based on the sales manager username.
- B. Configure a bi-directional relationship between Region and Sales.Region.
- C. Create a DAX calculated column that retrieves the region manager from the Weekly>Returns table based on the sales.regionjd column.
- D. In the Region table, create a hierarchy that has the manager name, and then the sales manager name.

Answer: C

### NEW QUESTION 3

- (Topic 1)

You need to create a calculated column to display the month based on the reporting requirements. Which DAX expression should you use?

- A. FORMAT('Date'[date], "MMM YYYY")
- B. FORMAT('Date' [date], "M YY")
- C. FORMAT('Date'[date\_id], "MMM") & "" & FORMAT('Date'[year], "#")
- D. FORMAT('Date' [date\_id], "MMM YYYY")

Answer: A

### NEW QUESTION 4

- (Topic 1)

What should you create to meet the reporting requirements of the sales department?

- A. a measure that uses a formula of SUM (Sales [sales\_id])
- B. a calculated column that use a formula of COUNTA(sales [sales\_id])
- C. a measure that uses a formula of COUNTROWS (Sales)

D. a calculated column that uses a formula of SUM (Sales [sales\_id])

**Answer:** C

**Explanation:**

The sale department requires reports that contain the number of sales transactions.

The COUNTROWS function counts the number of rows in the specified table, or in a table defined by an expression.

Reference:

<https://docs.microsoft.com/en-us/dax/countrows-function-dax>

**NEW QUESTION 5**

HOTSPOT - (Topic 1)

You publish the dataset to powerbi.com.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
You need an on-premises data gateway to refresh the dataset.	<input type="radio"/>	<input type="radio"/>
You need to configure a scheduled refresh of the dataset.	<input type="radio"/>	<input type="radio"/>
You can use Basic authentication on the dataset to connect to the data.	<input type="radio"/>	<input type="radio"/>

A. Mastered

B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

Statements	Yes	No
You need an on-premises data gateway to refresh the dataset.	<input checked="" type="radio"/>	<input type="radio"/>
You need to configure a scheduled refresh of the dataset.	<input checked="" type="radio"/>	<input type="radio"/>
You can use Basic authentication on the dataset to connect to the data.	<input type="radio"/>	<input checked="" type="radio"/>

**NEW QUESTION 6**

- (Topic 1)

You need to create the required relationship for the executive's visual. What should you do before you can create the relationship?

A. Change the data type of Sales[region\_id] to Whole Number.

B. In the Sales table, add a measure for sum(sales\_amount).

C. Change the data type of sales[sales\_id] to Text.

D. Change the data type of sales [region\_id] to Decimal Number.

**Answer:** A

**Explanation:**

Scenario: Executives require a visual that shows sales by region.

Need to change the sales\_id column from Varchar to Whole Number (Integer).

**NEW QUESTION 7**

- (Topic 2)

You need to ensure that the data is updated to meet the report requirements. The solution must minimize configuration effort.

What should you do?

A. From each report in powerbi.co

B. select Refresh visuals

C. From Power BI Desktop, download the PBIX file and refresh the data.

D. Configure a scheduled refresh without using an on-premises data gateway.

E. Configure a scheduled refresh by using an on-premises data gateway

**Answer:** C

**NEW QUESTION 8**

- (Topic 2)

You need to recommend a strategy to consistently define the business unit, department, and product category data and make the data usable across reports.

What should you recommend?

- A. Create a shared dataset for each standardized entity.
- B. Create dataflows for the standardized data and make the dataflows available for use in all imported datasets.
- C. For every report, create and use a single shared dataset that contains the standardized data.
- D. For the three entities, create exports of the data from the Power BI model to Excel and store the data in Microsoft OneDrive for others to use as a source.

Answer: B

#### NEW QUESTION 9

HOTSPOT - (Topic 2)

You need to calculate the last day of the month in the balance sheet data to ensure that you can relate the balance sheet data to the Date table. Which type of calculation and which formula should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Type of calculation:	<div>A DAX calculated column A DAX calculated measure An M custom column</div>
Formula:	<div>Date.EndOfMonth(#date([Year], [Month], 1)) Date.EndOfQuarter(#date([Year], [Month], 1)) ENDOFQUARTER(DATE('BalanceSheet'[Year],BalanceSheet[Month],1),0)</div>

- A. Mastered
- B. Not Mastered

Answer: A

#### Explanation:

Box 1: A DAX Calculated measure

Box 2: Date.EndOfQuarter(#date([Year],[Mont],1))

ENDOFQUARTER returns the last date of the quarter in the current context for the specified column of dates.

The following sample formula creates a measure that returns the end of the quarter, for the current context.

= ENDOFQUARTER(DateTime[DateKey])

#### NEW QUESTION 10

DRAG DROP - (Topic 2)

You need to create a DAX measure in the data model that only allows users to see projections at the appropriate levels of granularity.

How should you complete the measure? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values	Answer Area
AND	Total Projected Revenue =
IF	Value (
ISFILTERED	NOT ( Value ( 'Date'[Date] ) ),
KEEPFILTERS	Value ( Projection[Revenue Projection] )
SUM	)
SUMX	

- A. Mastered
- B. Not Mastered

Answer: A

#### Explanation:

Scenario: Revenue projections are set at the monthly level and summed to show projections for the quarter.

Box 1: IF

Box 2: ISFILTERED

ISFILTERED returns TRUE when columnName is being filtered directly. If there is no filter on the column or if the filtering happens because a different column in the same table or in

a related table is being filtered then the function returns FALSE. Box 3: SUM

#### NEW QUESTION 10

HOTSPOT - (Topic 2)

How should you distribute the reports to the board? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Grant access by:

Sharing individual reports
Using a workspace membership
Using an app

Grant access to:

A dynamic distribution list
A mail-enabled security group
Individual user emails

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Using a workspace membership Scenario:

The company wants to provide a single package of reports to the board that contains custom navigation and links to supplementary information.

Note: Workspace is a shared environment for a group of people. You can have multiple Power BI content in a workspace. One workspace can have hundreds of dashboards, reports, and datasets in it.

Box 2: A mail-enabled security group Scenario: Security Requirements

The reports must be made available to the board from powerbi.com. A mail-enabled security group will be used to share information with the board.

**NEW QUESTION 12**

- (Topic 2)

Which two types of visualizations can be used in the balance sheet reports to meet the reporting goals? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a line chart that shows balances by quarter filtered to account categories that are long-term liabilities.
- B. a clustered column chart that shows balances by date (x-axis) and account category (legend) without filters.
- C. a clustered column chart that shows balances by quarter filtered to account categories that are long-term liabilities.
- D. a pie chart that shows balances by account category without filters.
- E. a ribbon chart that shows balances by quarter and accounts in the legend.

**Answer:** AE

**Explanation:**

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-types-for-reports-and-q-and-a>

**NEW QUESTION 14**

- (Topic 2)

What is the minimum number of datasets and storage modes required to support the reports?

- A. two imported datasets
- B. a single DirectQuery dataset
- C. two DirectQuery datasets
- D. a single imported dataset

**Answer:** D

**Explanation:**

"The analysts responsible for each business unit must see all the data the board sees, except the profit and loss data, which must be restricted to only their business unit's data. The analysts must be able to build new reports from the dataset that contains the profit and loss data" => one dataset and two separate workspaces Reason: All data can be imported into one dataset also if these are two logical models. Shared dimensions can be reconsumed in both models. Reports and additional materials can be shared to the board with an app. The "profit and loss" data model needs RLS for the analysts and the analysts must have just read access to the original workspace. In a separate workspace with contributor (or more rights) they can create new reports (with live connection to the dataset). It is also stated that the new reports mustn't be shared so therefore no need to include them into the app. Import vs. DirectQuery: Due to RLS requirements an imported dataset is needed. It is not possible with file sources and Sharepoint lists.

**NEW QUESTION 17**

HOTSPOT - (Topic 3)

You need to design the data model and the relationships for the Customer Details worksheet and the Orders table by using Power BI. The solution must meet the report requirements.

For each of the following statement, select Yes if the statement is true, Otherwise, select No.

NOTE: Each correct selection is worth one point.



Answer Area

Statements	Yes	No
A relationship must be created between the CustomerID column in the Customer Details worksheet and the CustomerID column in the Orders table.	<input type="radio"/>	<input type="radio"/>
The Data Type of the columns in the relationship between the Customer Details worksheet and the Orders table must be set to <b>Text</b> .	<input type="radio"/>	<input type="radio"/>
The Region field used to filter the Top Customers report must come from the Orders table.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
A relationship must be created between the CustomerID column in the Customer Details worksheet and the CustomerID column in the Orders table.	<input checked="" type="radio"/>	<input type="radio"/>
The Data Type of the columns in the relationship between the Customer Details worksheet and the Orders table must be set to <b>Text</b> .	<input type="radio"/>	<input checked="" type="radio"/>
The Region field used to filter the Top Customers report must come from the Orders table.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 20

HOTSPOT - (Topic 3)

You need to create a solution to meet the notification requirements of the warehouse shipping department. What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct select is worth one point:

Answer Area

Populate a 

report  
bookmark  
dashboard

 by using a card visualization that shows the percentage of late orders in the 

report  
bookmark  
dashboard

 then configure a 

data alert.  
phone view.  
subsc

 These are the selections for the second missing value.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Populate a 

report  
bookmark  
dashboard

 by using a card visualization that shows the percentage of late orders in the 

report  
bookmark  
dashboard

 then configure a 

data alert.  
phone view.  
subsc

 These are the selections for the second missing value.

NEW QUESTION 24

- (Topic 3)

You need to configure access for the sales department users. The solution must me meet the security requirements. What should you do?

- A. Add the sales department as a member of the reports workspace
- B. Add the Azure Active Directory group of the sales department as an Admin of the reports workspace.
- C. Distribute an app to the users in the Azure Active Directory group of the sales department.
- D. Share each report to the Azure Active Directory group of the sales department.

Answer: B

NEW QUESTION 29

- (Topic 3)

You need to create the dataset. Which dataset mode should you use?

- A. DirectQuery
- B. Import
- C. Live connection
- D. Composite

Answer: D

Explanation:

Composite Model means now you can have a model, that very large tables of that are coming from the DirectQuery connection, without the need for importing, and

small tables to be imported to be accessible quickly.

### NEW QUESTION 30

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source.

You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition.

Solution: You create a new query that references DataSourceExcel. Does this meet the goal?

A. Yes

B. No

**Answer: B**

#### Explanation:

Instead modify the source step of the queries to use DataSourceExcel as the file path.

Note: Parameterising a Data Source could be used in many different use cases. From connecting to different data sources defined in Query Parameters to load different combinations of columns.

Reference:

<https://www.biinsight.com/power-bi-desktop-query-parameters-part-1/>

### NEW QUESTION 33

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have five reports and two dashboards in a workspace.

You need to grant all organizational users read access to one dashboard and three reports Solution: In Microsoft Azure Active Directory (Azure AD), part of Microsoft Entra. you create

a group that contains all the users. You share each selected report and the one dashboard to the group.

Does this meet the goal?

A. Yes

B. No

**Answer: B**

### NEW QUESTION 35

- (Topic 4)

What should you do to address the existing environment data concerns?

A. a calculated column that uses the following formula: ABS(Sales[sales\_amount])

B. a measure that uses the following formula: SUMX(FILTER('Sales', 'Sales'[sales\_amount] > 0)),[sales\_amount])

C. a measure that uses the following formula: SUM(Sales[sales\_amount])

D. a calculated column that uses the following formula: IF(ISBLANK(Sales[sales\_amount]),0, (Sales[sales\_amount]))

**Answer: B**

### NEW QUESTION 40

HOTSPOT - (Topic 4)

You are creating a Microsoft Power BI data model that has the tables shown in the following table.

Table name	Column name
Sales	SalesID
	ProductID
	DateKey
	SalesAmount
Products	ProductID
	ProductName
	ProductCategoryID
ProductCategory	ProductCategoryID
	CategoryName

The Products table is related to the ProductCategory table through the ProductCategoryID column.

You need to ensure that you can analyze sales by product category.

How should you configure the relationships from Products to ProductCategory? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Cardinality: 

One-to-many  
One-to-one  
Many-to-many

Cross-filter direction: 

Single  
Both

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: One-to-many  
Box 2: Both

For One-to-many relationships, the cross filter direction is always from the "one" side, and optionally from the "many" side (bi-directional).  
Note:

Cardinality type	Cross filter options
One-to-many (or Many-to-one)	Single Both
One-to-one	Both
Many-to-many	Single (Table1 to Table2) Single (Table2 to Table1) Both

NEW QUESTION 44

- (Topic 4)

You are creating a Power BI report by using Power Bi Desktop.  
You need to include a visual that shows trends and other useful information automatically. The visual must update based on selections in other visuals.  
Which type of visual should you use?

- A. key influencers
- B. decomposition tree
- C. Q&A
- D. smart narrative

Answer: D

NEW QUESTION 48

- (Topic 4)

You have the Power BI model shown in the following exhibit.



There are four departments in the Departments table.  
You need to ensure that users can see the data of their respective department only. What should you do?

- A. Create a row-level security (RLS) role for each department, and then define the membership of the role.
- B. Create a DepartmentID parameter to filter the Departments table.
- C. To the ConfidentialData table, add a calculated measure that uses the currentgroup DAX function.
- D. Create a slicer that filters Departments based on DepartmentID.

Answer: A



### NEW QUESTION 53

HOTSPOT - (Topic 4)

You have a power BI tenant that hosts the datasets shown in the following table.

Name	Contents	Used to generate
Sales	Sales targets Sales data Employee salary data	Daily performance reports Quarterly reports used to calculate bonuses
Operations	Environmental sensor data	Reports that show average sensor readings over time
Finance	Financial transaction data	Budget planning reports Monthly board reports

You have the following requirements:

- The export of reports that contain Personally Identifiable Information (PII) must be prevented.
- Data used for financial decisions must be reviewed and approved before use.

For each of the following statements, select Yes if the statement is true. Otherwise select No. NOTE: Each correct selection is worth one point

Answer Area

Statements	Yes	No
The Sales dataset requires a sensitivity label.	<input type="radio"/>	<input type="radio"/>
The Operations dataset requires a sensitivity label and must be certified.	<input type="radio"/>	<input type="radio"/>
The Finance dataset requires a sensitivity label and must be certified.	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
 B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The Sales dataset requires a sensitivity label.	<input checked="" type="radio"/>	<input type="radio"/>
The Operations dataset requires a sensitivity label and must be certified.	<input type="radio"/>	<input checked="" type="radio"/>
The Finance dataset requires a sensitivity label and must be certified.	<input checked="" type="radio"/>	<input type="radio"/>

### NEW QUESTION 55

FILL IN THE BLANK - (Topic 4)

You have the Power Bi dashboard shown in the Dashboard exhibit (Click the Dashboard tab.)

You need to ensure that when users view the dashboard on a mobile device, the dashboard appears as shown in the Mobile exhibit. (Click the Mobile tab.)

What should you do? To answer, select the appropriate options in the answer area NOTE: Each correct selection is worth one point.

- A. Mastered  
 B. Not Mastered

Answer: A

Explanation:

Answer as selected

Answer Area

Update the layout in the: Report mobile layout

Resize and move: The Total Sales by Parent Category tile

### NEW QUESTION 59

- (Topic 4)

You have a CSV file that contains user complaints. The file contains a column named Logged. Logged contains the date and time each complaint occurred. The data in Logged is in the following format: 2018-12-31 at 08:59. You need to be able to analyze the complaints by the logged date and use a built-in date hierarchy.

What should you do?

- A. Change the data type of the Logged column to Date.
- B. Apply a transform to extract the last 11 characters of the Logged column and set the data type of the new column to Date.
- C. Create a column by example that starts with 2018-12-31 and set the data type of the new column to Date.
- D. Apply a transform to extract the first 11 characters of the Logged column.

**Answer: C**

#### NEW QUESTION 61

- (Topic 4)

You have a Power Bi model mat contains a table named Date. The Date table contains the fallowing columns:

- Date
- Fiscal year
- Fiscal Quartet
- Month Name
- Calendar Year
- Week Number
- Month Number
- Calendar Quarter

You need to create a calculated table based on the Date table. The calculated tab\*e must contain only unique combinations of values for Calendar Year. Calendar Quarter and Calendar Month. Which DAX function should you include in the table deflation?

- A. DATATABLE
- B. ADDCOLUMNS
- C. SUMMARIZE
- D. CALCULATE

**Answer: C**

#### NEW QUESTION 62

- (Topic 4)

You are creating a query to be used as a Country dimension in a star schema. A snapshot of the source data is shown in the following table.

Country	City
USA	Seattle
USA	New York
USA	Denver
UK	Manchester
UK	London
Japan	Tokyo
Brazil	Rio
Brazil	Sao Paulo

You need to create the dimension. The dimension must contain a list of unique countries. Which two actions should you perform? Each correct answer presents part of the solution.

- A. Remove duplicates from the Country column.
- B. Remove duplicates from the City column.
- C. |Remove duplicates from the table.
- D. Delete the City column.
- E. Delete the Country column.

**Answer: AD**

#### Explanation:

To create a dimension table for Country from your source data, you need to perform these two actions34:

? Delete the City column. You don't need this column for your Country dimension, as

it is not a descriptive attribute of Country. You can create another dimension table for City if you want to use it in your analysis.

? Remove duplicates from the Country column. You want to have a list of unique countries in your dimension table, so you need to remove any duplicate values from this column.

#### NEW QUESTION 65

DRAG DROP - (Topic 4)

You receive revenue data that must be included in Microsoft Power BI reports.

You perform an initial load of the data from a Microsoft Excel source as shown in the following exhibit.

Column1	Column2	Column3	Column4	Column5	Column6
Valid 100%	Valid 100%	Valid 100%	Valid 100%	Valid 100%	Valid 100%
Error 0%	Error 0%	Error 0%	Error 0%	Error 0%	Error 0%
Empty 0%	Empty 0%	Empty 0%	Empty 0%	Empty 0%	Empty 0%
1 Department	Product	2016	2017	2018	2019
2 Bikes	Carbon mountainbike	1002815	1008617	1007814	1007239
3 Bikes	Aluminium road bike	1007024	1001454	1005842	1007105
4 Bikes	Touring bike	1003676	1005171	1001669	1003244
5 Accessories	Bell	76713	10247	60590	25927
6 Accessories	Bottle holder	26690	29613	67955	71466
7 Accessories	Satnav	83189	40113	71684	24697
8 Accessories	Mobilephone holder	69641	80336	58099	45706

You plan to create several visuals from the data, including a visual that shows revenue split by year and product.

You need to transform the data to ensure that you can build the visuals. The solution must ensure that the columns are named appropriately for the data that they contain.  
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Select Use Headers as First Row.

Select Department and Product and Unpivot Other Columns.

Select Use First Rows as Headers.

Rename the third column as Year and the fourth column as Revenue.

Select Department and Product and Unpivot Columns.

Rename the third column as Revenue and the fourth column as Year.

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Select Use Header as First Row.  
Step 2: Select Department and Product and Unpivot Other Columns  
Unpivot Other Columns: This command unpivots unselected columns. Use this command in a query when not all columns are known. New columns added during a refresh operation are also unpivoted.  
Step 3: Rename the Attribute column to Year and the Value column to Revenue.  
You might want to unpivot data, sometimes called flattening the data, to put it in a matrix format so that all similar values are in one column. This is necessary, for example, to create a chart or a report.

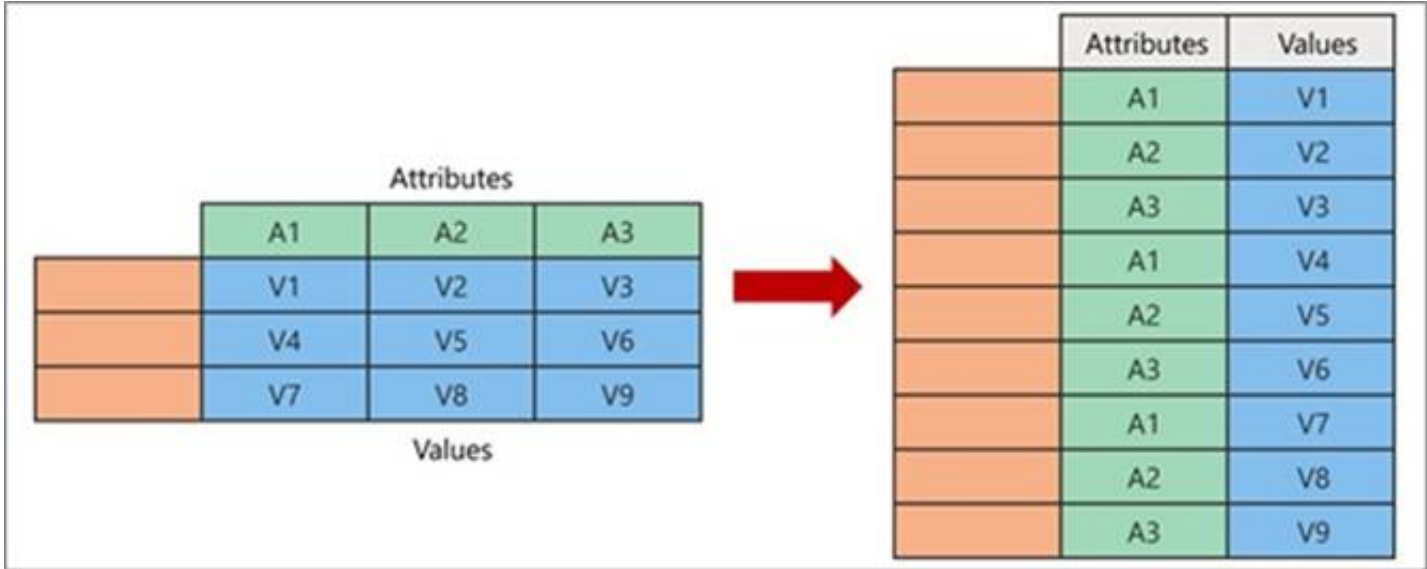


Chart Description automatically generated with medium confidence  
When you unpivot, you unpack the attribute-value pairs that represent an intersection point of the new columns and re-orient them into flattened columns:  
Values (in blue on the left) are unpivoted into a new column (in blue on the right). Attributes (in green on the left) are unpivoted into a new column (in green on the right) and  
duplicates are correspondingly mapped to the new Values column.

NEW QUESTION 70

- (Topic 4)  
You have a Power BI report that contains four pages. All the pages contain a slicer for a field named Country,  
You need to ensure that when a user selects a county on page 1, the selection is retained on page 2 and page 3. The solution must prevent page 4 from being  
affected by  
selections on the other pages, What should you do?

- A. Remove the Country slicer from page 1, page 2, and page 3. Add the Country field to the report-level filters.
- B. Remove the Country slicer from page 1, page 2, and page 3. Add the Country field to the page-level filters.
- C. Sync the Country slicer on page 1, page 2, and page 3,
- D. Move the Country slicer from page 2 and page 3 to page 1.

Answer: B

NEW QUESTION 73

DRAG DROP - (Topic 4)  
Exhibit:

9	Sep	9	552	357
10	Oct	10	7838	24214
11	Nov	11	83544	257
12	Dec	12	32455	389

You need to create a report that meets the requirements:

- Visualizes the Sales value over a period of years and months
- Adds a Slicer for the month
- Adds a Slicer for the year

Which three actions Should you perform in sequence?



**Actions**  
 Rename the Attribute column as Year and the Value column as Sales.  
 Select the 2019, 2020, and 2021 columns.  
 Select **Transpose**.  
 Select the Month and MonthNumber columns.  
 Select **Unpivot other columns**.

**Answer Area**  
 1  
 2  
 3

(   
 (

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Actions**  
 Rename the Attribute column as Year and the Value column as Sales.  
 Select the 2019, 2020, and 2021 columns.  
 Select **Transpose**.  
 Select the Month and MonthNumber columns.  
 Select **Unpivot other columns**.

**Answer Area**  
 1 Select **Transpose**.  
 2 Select the Month and MonthNumber columns.  
 3 Select **Unpivot other columns**.

#### NEW QUESTION 76

- (Topic 4)

You have a Q&A visual that displays information from a table named Carriers as shown in the following exhibit.

what airline is B6

Showing results for what is B6

carrier	name
B6	JetBlue Airways

You need to ensure that users can ask questions by using the term airline or carrier. The solution must minimize changes to the data model. What should you do?

- A. Add a duplicate query named Airline.
- B. Add airline as a synonym of carrier.
- C. Rename the carrier column as airline in the Carriers query.
- D. Rename the query from Carriers to airlines.

**Answer:** B

**Explanation:**

Add synonyms to tables and columns: This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.

This step can be important. Even with straightforward table and column names, users of Q&A ask questions using the vocabulary that first comes to them. They're not choosing

from a predefined list of columns. The more sensible synonyms you add, the better your users' experience is with your report.

Reference:

<https://docs.microsoft.com/en-us/power-bi/natural-language/q-and-a-best-practices>

#### NEW QUESTION 78

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create an average line by using the Salary measure. Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

**Explanation:**

Instead create a percentile line by using the Salary measure and set the percentile to 50%. Note: The 50th percentile is also known as the median or middle value where 50 percent of



observations fall below.

Reference:

[https://dash-intel.com/powerbi/statistical\\_functions\\_percentile.php](https://dash-intel.com/powerbi/statistical_functions_percentile.php)

#### NEW QUESTION 82

- (Topic 4)

In Power BI Desktop, you are creating visualizations in a report based on an imported dataset

You need to allow Power BI users to export the summarized data used to create the visualizations but prevent the users from exporting the underlying data

What should you do?

A. From Power BI Desktop, configure the Data Load settings for the current file.

B. From the Power BI service, configure the dataset permissions.

C. From Power BI Desktop, configure the Report settings for the current file.

D. From Power BI Desktop, modify the data source permissions.

**Answer: C**

#### Explanation:

<https://learn.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-export-data?tabs=powerbi-desktop>

The export functionality can be disabled on several levels. First, Power BI Service admins can disable this functionality on tenant level. With that, nobody will be able to export the data. More about that later. Second, as a dataset owner you can decide if you allow your users to export the data. This is managed in dataset settings, but only changeable in Power BI desktop.

No matter what settings are applied in Power BI desktop, the tenant settings will overrule this. In the end the Power BI Service admin decides what options are possible to use.

<https://data-marc.com/2020/04/13/power-bi-governance-why-you-should-consider-to-disable-export-to-excel/>

#### NEW QUESTION 84

FILL IN THE BLANK - (Topic 4)

You need to create a relationship in the dataset for RLS.

What should you do? To answer select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

A. Mastered

B. Not Mastered

**Answer: A**

#### Explanation:

Answer as below

#### NEW QUESTION 87

- (Topic 4)

You have a report that contains a donut chart and a clustered column chart. Interactions between the visuals use the default settings.

You need to modify the report so that when you select a column in the column chart, the

donut chart redraws by using the data from the selected column. What should you do?

A. Select the column chart and set the donut chart interaction to None.

B. Select the column chart and set the donut chart interaction to Filter.

C. Select the donut chart and set the column chart interaction to Filter.

D. Select the donut chart and set the column chart interaction to None.

**Answer: B**

#### NEW QUESTION 90

DRAG DROP - (Topic 4)

You are building a dataset from a JSON file that contains an array of documents.

You need to import attributes as columns from all the documents in the JSON file. The solution must ensure that date attributes can be used as date hierarchies in Microsoft Power BI reports.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

#### Actions

#### Answer Area

Expand the columns.

Expand the records.

Add columns that use data type conversions.

Set the data types.

Convert the list to a table.



A. Mastered

B. Not Mastered

Answer: A

**Explanation:**

1- Convert list to table 2- Expand Column

3- Set Date type

Here is an example: <https://youtu.be/B4kzyxnhQfl>

The definition of the function which expand columns: <https://docs.microsoft.com/en-us/powerquery-m/table-expandrecordcolumn>

**NEW QUESTION 94**

- (Topic 4)

You have a Power BI report named Report1 and a dashboard named Dashboard1, Report1 contains a line chart named Sales by month.

You pin the Sales by month visual to Dashboard1.

In Report1, you change the Sales by month visual to a bar chart. You need to ensure that bar chart displays on Dashboard1. What should you do?

- A. Edit the details for the dashboard tile of Dashboard1.
- B. Select Refresh visuals for Dashboard1.
- C. the Sales by month bar chart to Dashboard1
- D. Refresh the dataset used by Report1 and Dashboard1.

Answer: C

**NEW QUESTION 96**

HOTSPOT - (Topic 4)

You are creating a Microsoft Power BI imported data model to perform basket analysis. The goal of the analysis is to identify which products are usually bought together in the same transaction across and within sales territories.

You import a fact table named Sales as shown in the exhibit. (Click the Exhibit tab.)

Column name	Data type	Description
SalesRowID	Integer	ID of the row from the source system, which represents a unique combination of SalesOrderNumber and SalesOrderLineNumber
ProductKey	Integer	Surrogate key that relates to the product dimension
OrderDateKey	Integer	Surrogate key that relates to the date dimension and is in the YYYYMMDD format
OrderDate	Datetime	Date and time an order was processed
CustomerKey	Integer	Surrogate key that relates to the customer dimension
SalesTerritoryKey	Integer	Surrogate key that relates to the sales territory dimension
SalesOrderNumber	Integer	Unique identifier of an order
SalesOrderLineNumber	Integer	Unique identifier of a line within an order
OrderQuantity	Integer	Quantity of the product ordered
LineTotal	Decimal	Total sales amount of a line before tax
TaxAmt	Decimal	Amount of tax charged for the items on a specified line within an order
Freight	Decimal	Amount of freight charged for the items on a specified line within an order
LastModified	Datetime	The date and time that a row was last modified in the source system
AuditID	Integer	The ID of the data load process that last updated a row

The related dimension tables are imported into the model.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements

Yes

No

The SalesRowID and AuditID columns can be removed from the model without impeding the analysis goals.

Both the OrderDateKey and OrderDate columns are necessary to perform the basket analysis.

The TaxAmt column must retain the current number of decimal places to perform the basket analysis.

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Answer Area

Statements

The SalesRowID and AuditID columns can be removed from the model without impeding the analysis goals. ☒ Yes ☐ No

Both the OrderDateKey and OrderDate columns are necessary to perform the basket analysis. ☒ Yes ☐ No

The TaxAmt column must retain the current number of decimal places to perform the basket analysis. ☐ Yes ☒ No

### NEW QUESTION 100

- (Topic 4)

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is the same in each question in this series.

You have a Microsoft SQL Server database that contains the following tables.

Table name	Column name	Data type
Order	Order_ID	Integer
	Order_date	Integer
	Order_amount	Currency
	Customer_ID	Integer
	Order_ship_date	Integer
	Store_ID	Integer
Customer	Customer_ID	Integer
	First_name	Varchar(100)
	Last_name	Varchar(100)
	Customer_photo	Binary
Date	Date_ID	Integer
	Date_name	Datetime
	Month	Integer
	Week	Integer
	Year	Integer
Monthly_returns	Month_ID	Integer
	Total_returns	Float
	Store_ID	Varchar(100)
Store	Store_ID	Integer
	Name	Varchar(100)
	City	Varchar(100)
	Sales_target	Float

The following columns contain date information:

- Date[Month] in the mmyyyy format
  - Date[Date\_ID] in the ddmmyyyy format
  - Date[Date\_name] in the mm/dd/yyyy format
  - Monthly\_returns[Month\_ID] in the mmyyyy format
- The Order table contains more than one million rows.

The Store table has a relationship to the Monthly\_returns table on the Store\_ID column. This is the only relationship between the tables.

You plan to use Power BI Desktop to create an analytics solution for the data.

You need to create a relationship between the Order table and the Store table on the Store\_ID column.

What should you do before you create the relationship?

- In the Order table query, use the Table.TransformRows function.
- In the Store table query, use the Table.TransformRows function.
- In the Store table query, use the Table.TransformColumnTypes function.
- In the Order table query, use the Table.TransformColumnTypes function.

**Answer: C**

### NEW QUESTION 104

HOTSPOT - (Topic 4)

You need to create a Power BI report. The first page of the report must contain the following two views:

- \* Sales By Postal Code
- \* Sales by Month

Both views must display a slicer to select a value for a field named Chain.

The Sales By Postal Code view must display a map visual as shown in the following exhibit.



Answer Area

Minimum number of bookmarks:

Property:

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Answer Area

Minimum number of bookmarks:

Property:

#### NEW QUESTION 108

- (Topic 4)

You have multiple dashboards.

You need to ensure that when users browse the available dashboards from powerbi.com, they can see which dashboards contain Personally Identifiable Information (PII). The solution must minimize configuration effort and impact on the dashboard design.

What should you use?

- A. Active Directory groups  
B. tiles  
C. data classifications  
D. comments

Answer: A

#### NEW QUESTION 109

- (Topic 4)

You have an Azure SQL database that contains sales transactions. The database is updated frequently.

You need to generate reports from the data to detect fraudulent transactions. The data must be visible within five minutes of an update.

How should you configure the data connection?

- A. Add a SQL statement.  
B. Set Data Connectivity mode to DirectQuery.  
C. Set the Command timeout in minutes setting.  
D. Set Data Connectivity mode to Import.

Answer: B

Explanation:

With Power BI Desktop, when you connect to your data source, it's always possible to import a copy of the data into the Power BI Desktop. For some data sources, an alternative approach is available: connect directly to the data source using DirectQuery.

DirectQuery: No data is imported or copied into Power BI Desktop. For relational sources, the selected tables and columns appear in the Fields list. For multi-dimensional sources like SAP Business Warehouse, the dimensions and measures of the selected cube appear in the Fields list. As you create or interact with a visualization, Power BI Desktop queries the underlying data source, so you're always viewing current data.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-use-directquery>

#### NEW QUESTION 113

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

From Power Query Editor, you profile the data shown in the following exhibit.



	IoT GUID	IoT DateTime	IoT ID
	<div>Valid 100%</div> <div>Error 0%</div> <div>Empty 0%</div>	<div>Valid 100%</div> <div>Error 0%</div> <div>Empty 0%</div>	<div>Valid 100%</div> <div>Error 0%</div> <div>Empty 0%</div>
1	48196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:25	100001000
2	49196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:26	100001001
3	0300C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001002
4	0400C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001003
5	0500C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001004
6	0600C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001005

The IOT ID columns are unique to each row in query.

You need to analyze 10T events by the hour and day of the year. The solution must improve dataset performance.

Solution: You create a custom column that concatenates the 10T GUID column and the IoT ID column and then delete the IoT GUID and IoT ID columns.

Does this meet the goal?

A. Yes

B. No

Answer: B

### NEW QUESTION 117

HOTSPOT - (Topic 4)

You have a folder of monthly transaction extracts.

You plan to create a report to analyze the transaction data.

You receive the following email message: "Hi. I've put 24 files of monthly transaction data onto the shared drive. File Transactions201901.csv through Transactions201912.csv have the latest set of columns, but files Transactions201801.csv to Transactions201812.csv have an older layout without the extra fields needed for analysis. Each file contains 10 to 50 transactions."

You get data from the folder and select Combine & Load. The Combine Files dialog box is shown in the exhibit. (Click the Exhibit tab.)

## Combine Files

Specify the settings for each file. [Learn more](#)

Sample File:  
First file

File Origin: 1252: Western European (Windows) Delimiter: Comma Data Type Detection: Based on entire dataset

ID	Date	CustomerID	Amount
1	01/01/2018 08:00:00	5	28.99
2	01/01/2018 18:00:00	10	31.88
3	02/01/2018 08:00:00	15	22.99
4	02/01/2018 18:00:00	25	14.25
5	03/01/2018 08:00:00	35	85
6	03/01/2018 18:00:00	45	47.74
7	04/01/2018 08:00:00	55	76.66
8	04/01/2018 18:00:00	51	99.99
9	05/01/2018 08:00:00	52	10.99
10	05/01/2018 18:00:00	58	85

☒ Skip files with errors

OK Cancel

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

### Answer Area

Statements	Yes	No
The resulting query will contain all the columns from the 2018 transactions.	<input type="radio"/>	<input type="radio"/>
The resulting query will contain all the columns from the 2019 transactions.	<input type="radio"/>	<input type="radio"/>
Setting Data Type Detection to <b>Based on first 200 rows</b> will improve import times.	<input type="radio"/>	<input type="radio"/>

A. Mastered

B. Not Mastered

Answer: A

### Explanation:

Graphical user interface, text, application

Description automatically generated

Box 1: Yes

The four columns used in the 2018 transactions are already displayed.

Box 2: Yes

The columns used are based on the entire dataset. The additional columns in the 2019 files will be detected.

Box 3: Yes

Note: Under the hoods, Power BI will automatically detect which delimiter to use, and may even promote the first row as headers. You can manually change the delimiter, or define how Power BI should handle data types. You can set it to automatically detect data types based on first 200 rows, or the entire dataset or you can even opt out the detection of data types.

#### NEW QUESTION 119

- (Topic 4)

You are reviewing a query that produces 10,000 rows in the Power Query Editor. You need to identify whether a column contains only unique values.

Which two Data Preview options can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Column profile
- B. Column distribution
- C. Show whitespace
- D. Column quality
- E. Monospace

**Answer:** AB

#### Explanation:

B: Column distribution: This feature provides a set of visuals underneath the names of the columns that showcase the frequency and distribution of the values in each of the columns. The data in these visualizations is sorted in descending order from the value with the highest frequency.

By hovering over the distribution data in any of the columns, you get information about the overall data in the column (with distinct count and unique values).

A: Column profile: This feature provides a more in-depth look at the data in a column [compared to column distribution]. Apart from the column distribution chart, it contains a column statistics chart.

Reference:

<https://docs.microsoft.com/en-us/power-query/data-profiling-tools>

#### NEW QUESTION 122

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create a constant line and set the value to .5. Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### Explanation:

Instead create a percentile line by using the Salary measure and set the percentile to 50%. Note: The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.

Reference:

[https://dash-intel.com/powerbi/statistical\\_functions\\_percentile.php](https://dash-intel.com/powerbi/statistical_functions_percentile.php)

#### NEW QUESTION 124

- (Topic 4)

You plan to create a dashboard in the Power BI service that retrieves data from a Microsoft SQL Server database. The dashboard will be shared between the users in your organization.

You need to ensure that the users will see the current data when they view the dashboard. How should you configure the connection to the data source?

- A. Deploy an on-premises data gateway (personal mode). Import the data by using the Import Data Connectivity mode.
- B. Deploy an on-premises data gatewa
- C. Import the data by using the Import Data Connectivity mode.
- D. Deploy an on-premises data gatewa
- E. Import the data by using the DirectQuery Data Connectivity mode.
- F. Deploy an on-premises data gateway (personal mode). Import the data by using the DirectQuery Data Connectivity mode.

**Answer:** D

#### Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/desktop-directquery-about#power-bi-connectivity-modes>

#### NEW QUESTION 129

HOTSPOT - (Topic 4)

You are creating a Power Bi model in Power BI Desktop

You need to create a calculated table named Numbers that will contain all the integers from

-100 to 100. How should you complete the DAX calculation? To answer, select the appropriate options in the answer area. NOTE Each correct selection is worth one point.

Answer Area

Numbers ▾

GENERATESERIES ▾	( -100, 100, 1 ) ▾
GENERATE	( 100, 1, 200 )
GENERATEALL	( -100, 100, 1 )
GENERATESERIES	( -1, -100, 100 )

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Numbers ▾

GENERATESERIES ▾	( -100, 100, 1 ) ▾
GENERATE	( 100, 1, 200 )
GENERATEALL	( -100, 100, 1 )
GENERATESERIES	( -1, -100, 100 )

NEW QUESTION 134

HOTSPOT - (Topic 4)

You are creating a column chart visualization.

You configure groups as shown in the Groups exhibit. {Click the Groups tab.}

Groups

NameSepal.Width (bins)

FieldSepal.Width

Group typeBin ▾

Min value2

Bin TypeNumber of bins ▾

Max value4.4

Binning splits numeric or date/time data by an amount you specify. The default bin count is calculated based on your data.

Bin count10

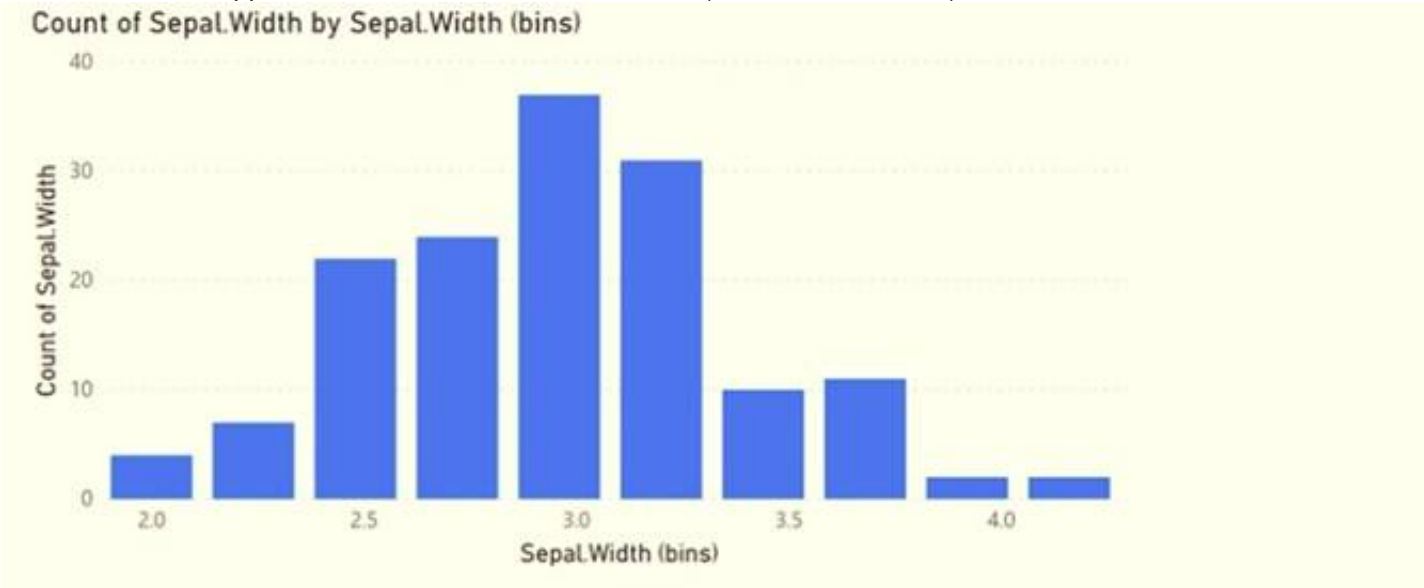
Bin size0.24000000000000005

Reset to default

OK

Cancel

The visualization appears as shown in the Chart exhibit. (Click the Chart tab.)



For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
NOTE: Each correct selection is worth one point.

**Answer Area**

Statements	Yes	No
The data is segmented into 10 groups.	<input type="radio"/>	<input type="radio"/>
The data was split into deciles.	<input type="radio"/>	<input type="radio"/>
To increase the bin size, you must decrease the bin count.	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
 B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Statements	Yes	No
The data is segmented into 10 groups.	<input checked="" type="radio"/>	<input type="radio"/>
The data was split into deciles.	<input checked="" type="radio"/>	<input type="radio"/>
To increase the bin size, you must decrease the bin count.	<input type="radio"/>	<input checked="" type="radio"/>

### NEW QUESTION 139

- (Topic 4)

You have a Power BI model that contains the following data.

Table name	Column name	Description	Data type
Date	Date	Calendar date	Date
	Month	Calendar month	Text
	Year	Calendar year	Integer
Sales	Sale	Sales value	Decimal number
	Date	Calendar date	Date

The Date table relates to the Sales table by using the Date columns. The model contains the following DAX measure.

Total Sales = SUM(Sales[Sale])

You need to create another measure named Previous Quarter to display the sales one quarter before the selected period.

Which DAX calculation should you use?

- A. CALCULATE < [Total Sales], OATEADD (Date[Date], -1, QUARTER))  
 B. CALCULATE ([Total Sales], DATESQTD (Date[Date]))  
 C. TOTALQTD ([Total Sales], Date[Date])  
 D. CALCULATE < [Total Sales], PARALLELPERIOO (Date[Date], 1, QUARTER))

**Answer:** A

### NEW QUESTION 140

- (Topic 4)

From Power Query Editor, you attempt to execute a query and receive the following error message.

Datasource.Error: could not find file.

What are two possible causes of the error? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. The file is locked  
 B. An incorrect privacy level was used for the data source.  
 C. The referenced file was moved to a new location  
 D. You do not have permissions to the file.

**Answer:** BD

### NEW QUESTION 141

- (Topic 4)

A business intelligence (BI) developer creates a dataflow in Power BI that uses DirectQuery to access tables from an on premises Microsoft SQL server. The Enhanced Dataflows Compute Engine is turned on for the dataflow.

You need to use the dataflow in a report. The solution must meet the following requirements:

- Minimize online processing operations.
- Minimize calculation times and render times for visuals.
- include data from the current year, up to and including the previous day. What should you do?

- A. Create a dataflows connection that has Import mode selected and schedule a dairy refresh.



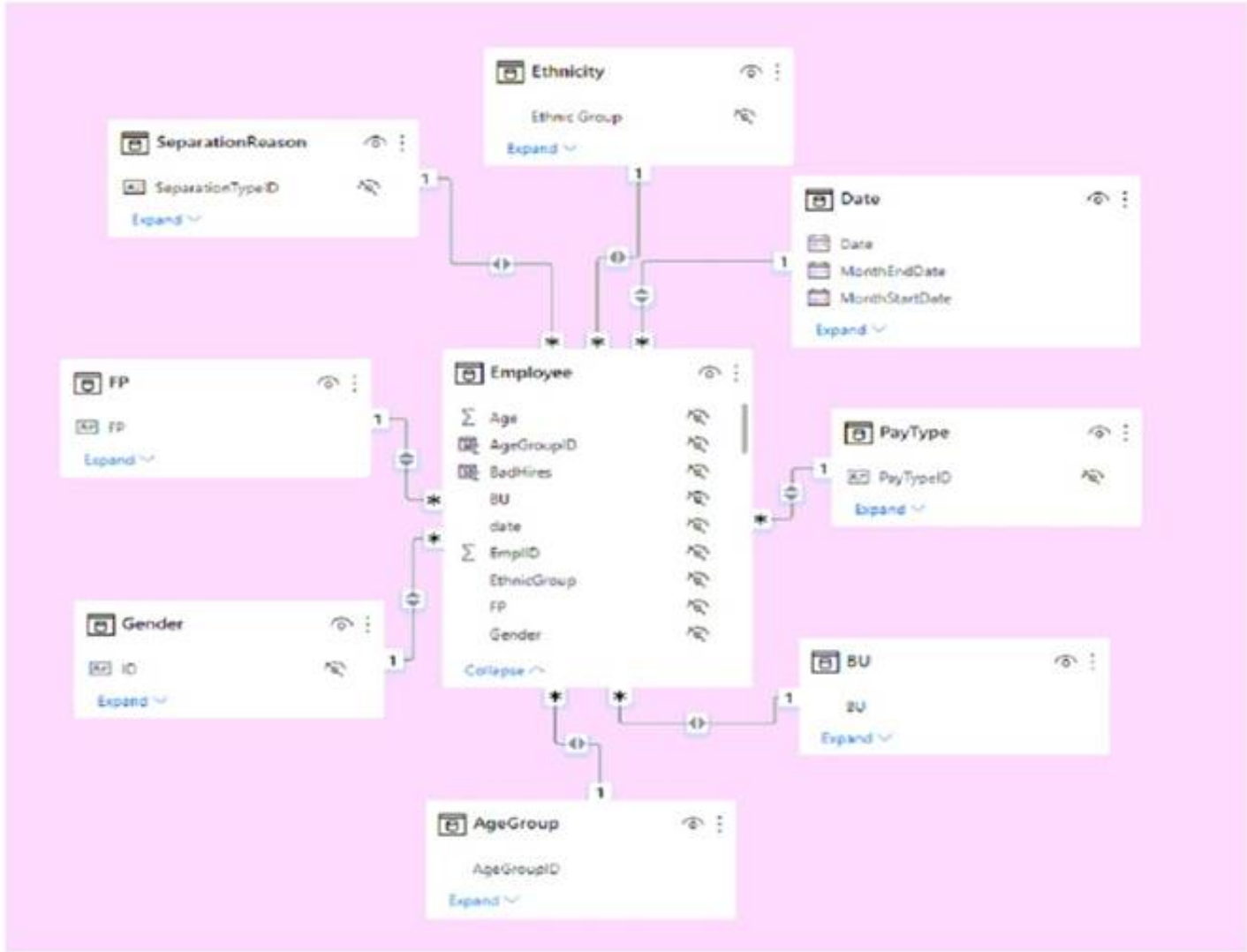
- B. Create a dataflows connection that has DirectQuery mode selected.
- C. Create a dataflows connection that has DirectQuery mode selected and configure a gateway connection for the dataset
- D. Create a dataflows connection that has Import mode selected and create a Microsoft Power Automate solution to refresh the data hourly.

Answer: A

NEW QUESTION 142

HOTSPOT - (Topic 4)

You have a Power BI imported dataset that contains the data model shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.  
NOTE: Each correct selection is worth one point.

Answer Area

Changing the [answer choke] setting of the relationships will improve report query performance.

▼

Cardinality

Cross filter direction

Assume Referential Integrity

The data model is organized into a [answer choice].

▼

star schema

snowflake schema

denormalized table

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- cross filter direction
- star schema

NEW QUESTION 147

HOTSPOT - (Topic 4)

You have a Power BI report that contains the table visual shown in the following exhibit.

OrderDate	Total Sales	Total Cost
01-Oct-22	10.75	8.06
03-Oct-22	98.50	73.88
07-Oct-22	43.00	32.25
11-Oct-22	25.99	19.49
12-Oct-22	156.00	117.00
15-Oct-22	40.80	30.60

Answer Area

Type:

Format:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Type:

Format:

#### NEW QUESTION 149

DRAG DROP - (Topic 4)

You create a data model in Power BI.

Report developers and users provide feedback that the data model is too complex. The model contains the following tables.

Table name	Column name	Data type
Sales_Region	region_id	Integer
	name	Varchar
Region_Manager	region_id	Integer
	manager_id	Integer
Sales_Manager	sales_manager_id	Integer
	name	Varchar
	region_id	Integer
Manager	manager_id	Integer
	name	Varchar

The model has the following relationships:

\*There is a one-to-one relationship between Sales\_Region and Region\_Manager.

\*There are more records in Manager than in Region\_Manager, but every record in Region\_Manager has a corresponding record in Manager.

\*There are more records in Sales\_Manager than in Sales\_Region, but every record in Sales\_Region has a corresponding record in Sales\_Manager.

You need to denormalize the model into a single table. Only managers who are associated to a sales region must be included in the reports.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

Merge [Region\_Manager] and [Manager] by using an inner join.

Merge [Sales\_Manager] and [Sales\_Region] by using a left join.

Merge [Sales\_Region] and [Sales\_Manager] by using an inner join.

Merge [Sales\_Region] and [Sales\_Manager] by using an inner join as a new query named [Sales\_Region\_and\_Manager].

Merge [Sales\_Region] and [Region\_Manager] by using a right join as a new query named [Sales\_Region\_and\_Region\_Manager].

Merge [Sales\_Region] and [Region\_Manager] by using an inner join.

Answer Area

>

<

- A. Mastered  
B. Not Mastered

Answer: A

**Explanation:**

\* 1.Merge [Region\_Manager] and [Manager] by using an inner join. 3.Merge [Sales\_Region] and [Sales\_Manager] by using an inner join. 6.Merge [Sales\_Region] and [Region\_Manager] by using an inner join.

**NEW QUESTION 150**

- (Topic 4)

You create a dashboard by using the Microsoft Power BI Service. The dashboard contains a card visual that shows total sales from the current year. You grant users access to the dashboard by using the viewer role on the workspace. A user wants to receive daily notifications of the number shown on the card visual. You need to automate the notifications. What should you do?

- A. Share the dashboard to the user.  
B. Create a subscription.  
C. Create a data alert.  
D. Tag the user in a comment.

Answer: C

**Explanation:**

You can subscribe yourself and your colleagues to the report pages, dashboards, and paginated reports that matter most to you. Power BI e-mail subscriptions allow you to:

? Decide how often you want to receive the emails: daily, weekly, hourly, monthly, or once a day after the initial data refresh.

? Choose the time you want to receive the email, if you choose daily, weekly, hourly, or monthly.

Note: Email subscriptions don't support most custom visuals. The one exception is those custom visuals that have been certified.

Email subscriptions don't support R-powered custom visuals at this time.

Reference:

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-report-subscribe> <https://docs.microsoft.com/en-us/power-bi/create-reports/service-set-data-alerts>

**NEW QUESTION 155**

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI report that imports a date table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:

? Due Date

? Order Date

? Delivery Date

You need to support the analysis of sales over time based on all the date foreign keys.

Solution: From Power Query Editor, you rename the date query as Due Date. You reference the Due Date query twice to make the queries for Order Date and Delivery Date.

Does this meet the goal?

- A. Yes  
B. No

Answer: A

**Explanation:**

Creating two additional tables in Power Query can be a possible solution: Remove any inactive relationships.

Consider renaming the role-playing dimension-type table to better describe its role. In the example, the Airport table is related to the ArrivalAirport column of the Flight table, so it's renamed as Arrival Airport.

Create a copy of the role-playing table, providing it with a name that reflects its role. If it's an Import table, we recommend defining a calculated table. If it's a DirectQuery table, you can duplicate the Power Query query.

In the example, the Departure Airport table was created by using the following calculated table definition.

**NEW QUESTION 157**

DRAG DROP - (Topic 4)

You have the Power BI data model shown in the following exhibit.

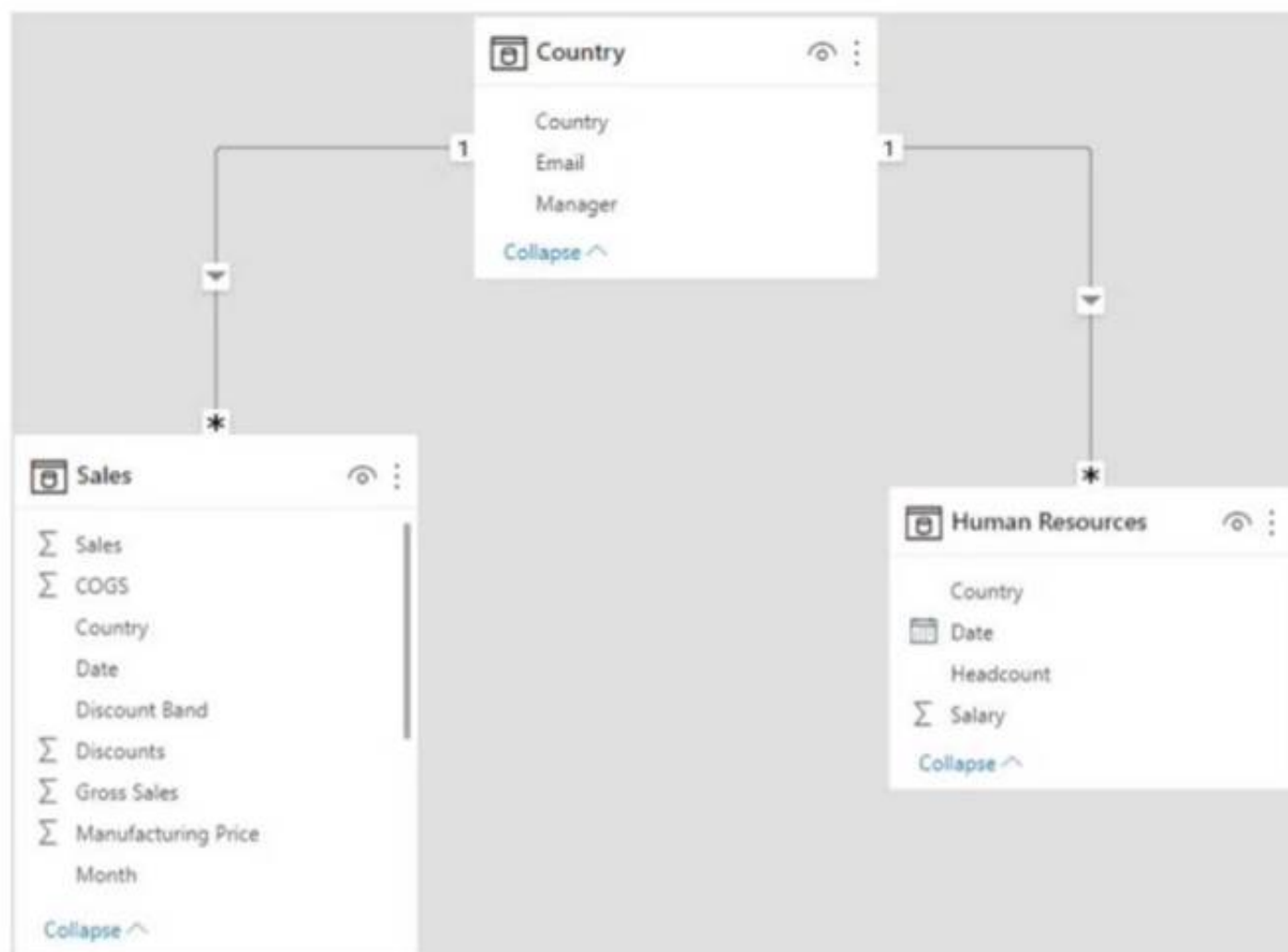
You create two row-level security (RLS) roles named Manager and CFO. You plan to publish the dataset to the Power BI service.

You need to create DAX expressions for the RLS filters. The solution must meet the following requirements:

- Each manager must see only the data in the Sales and Human Resources tables for their own country.
- The CFO must be prevented from seeing the data in the Human Resources table.
- The CFO must see the sales data of all countries.

How should you complete the DAX expressions to meet the requirements? To answer, drag the appropriate expressions to the correct targets. Each expression may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



The Country table contains the following data.

Country	Manager	Email
USA	CFO	cfo@msn.com
France	Phillipe	phillipe@msn.com
Brazil	Juan	juan@msn.com
Singapore	Srini	srini@msn.com

You plan to publish the dataset to the Power BI service.

You need to create DAX expressions for the RLS filters. The solution must meet the following requirements:

- Each manager must see only the data in the Sales and Human Resources tables for their own country.
- The CFO must be prevented from seeing the data in the Human Resources table.
- The CFO must see the sales data of all countries.

How should you complete the DAX expressions to meet the requirements? To answer, drag the appropriate expressions to the correct targets. Each expression may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Table Filter DAX Expression	Answer Area
[Country]= "USA"	Human Resources: <input type="text"/>
[Email]= userprincipalname()	Country: <input type="text"/>
[Manager]= "CFO"	
False()	
True()	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



Table Filter DAX Expression	Answer Area
[Country] = "USA"	Human Resources: [Email] = userprincipalname()
[Email] = userprincipalname()	Country: [Country] = "USA"
[Manager] = "CFO"	
False()	
True()	

#### NEW QUESTION 162

- (Topic 4)

You have a Power BI dashboard that monitors the quality of manufacturing processes. The dashboard contains the following elements:

? A line chart that shows the number of defective products manufactured by day.

? A KPI visual that shows the current daily percentage of defective products manufactured.

You need to be notified when the daily percentage of defective products manufactured exceeds 3%.

What should you create?

- A. a Q&A visual
- B. a subscription
- C. a smart narrative visual
- D. an alert

**Answer: D**

#### NEW QUESTION 165

- (Topic 4)

You have a Power BI tenant.

You have reports that use financial datasets and are exported as PDF files. You need to ensure that the reports are encrypted.

What should you implement?

- A. dataset certifications
- B. row-level security (RLS)
- C. sensitivity labels
- D. Microsoft Intune policies

**Answer: C**

#### Explanation:

General availability of sensitivity labels in Power BI.

Microsoft Information Protection sensitivity labels provide a simple way for your users to classify critical content in Power BI without compromising productivity or the ability to collaborate. Sensitivity labels can be applied on datasets, reports, dashboards, and dataflows. When data is exported from Power BI to Excel, PowerPoint or PDF files, Power BI automatically applies a sensitivity label on the exported file and protects it according to the label's file encryption settings. This way your sensitive data remains protected no matter where it is.

Reference:

<https://powerbi.microsoft.com/en-us/blog/announcing-power-bi-data-protection-ga-and-introducing-new-capabilities/>

#### NEW QUESTION 168

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.

During the development process, you need to import a sample of the data from the Order table.

Solution: From Power Query Editor, you import the table and then add a filter step to the query.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

#### NEW QUESTION 173

- (Topic 4)

You have an app workspace that contains a dashboard and four reports. All the reports are generated from a single dataset that contains sales data for your company.

The reports display the data configured as shown in the following table.

Report name	Data displayed	Data characteristic
Sales Data1	Sales from the start of 2013 to the end of 2015	The company was owned by another company named Contoso, Ltd. from 2013 to 2015
Sales Data2	Sales from the start of 2011 to the end of 2016	The company changed the line of products sold frequently from 2011 to 2016
Sales Data3	Sales from the start of 2016 to the end of 2017	The company hired new management that started in 2016
Sales Data4	Sales from the start of 2011 to the end of 2014	The company was being sued by a competitor from 2011 to 2014

You need to ensure that the users of the reports can locate the correct report by using natural language queries. What should you do?

- A. From the properties of the dataset, create four Featured Q&A Questions.
- B. From the Format settings of the reports, modify the Page Information.
- C. From the properties of the dataset, modify the Q&A and Cortana settings.
- D. From the properties of the workspace, modify the Language Settings.

**Answer:** C

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/service-q-and-a-direct-query#limitations-during-public-preview>

#### NEW QUESTION 176

- (Topic 4)

You publish a Microsoft Power BI dataset to powerbi.com. The dataset appends data from an on-premises Oracle database and an Azure SQL database by using one query.

You have admin access to the workspace and permission to use an existing On-premises data gateway for which the Oracle data source is already configured.

You need to ensure that the data is updated every morning. The solution must minimize configuration effort.

Which two actions should you perform when you configure scheduled refresh? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Configure the dataset to use the existing On-premises data gateway.
- B. Deploy an On-premises data gateway in personal mode.
- C. Set the refresh frequency to Daily.
- D. Configure the dataset to use the personal gateway.

**Answer:** AC

**Explanation:**

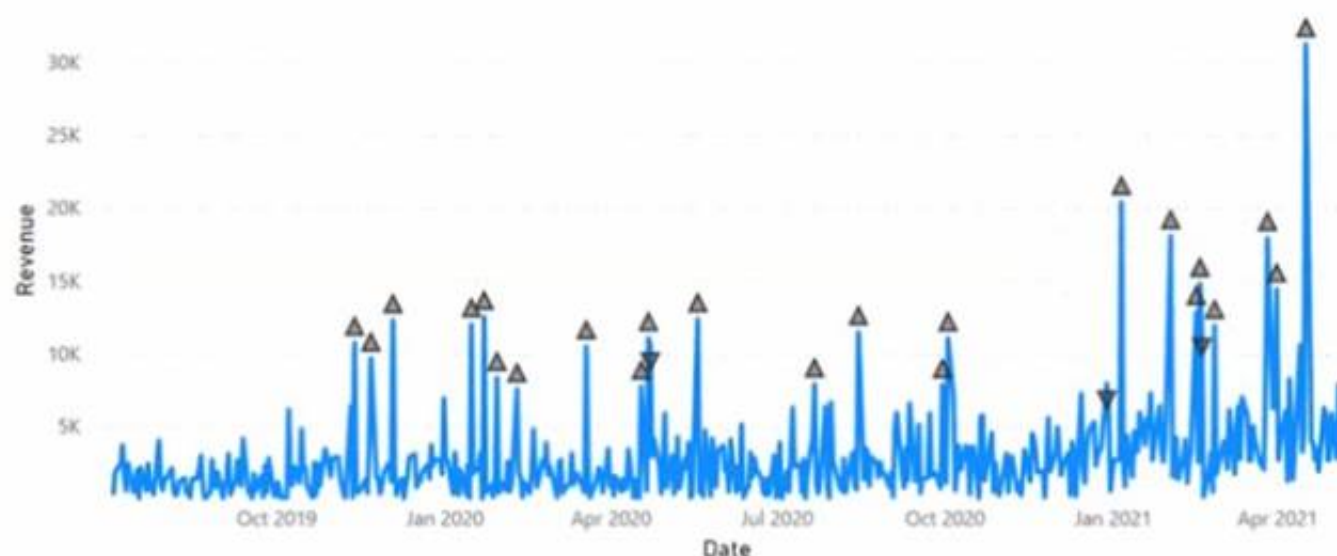
<https://docs.microsoft.com/en-us/power-bi/connect-data/service-gateway-personal-mode>

#### NEW QUESTION 177

FILL IN THE BLANK - (Topic 4)

You have a Power BI visual that uses indicators to show values that are out of range as shown in the following exhibit.

Revenue by Date



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

The visual type is [answer choice] chart. a line

The visual indicators that show values out of range are created by using [answer choice]. anomaly detection

NEW QUESTION 179

HOTSPOT - (Topic 4)

You have a dataset that has the permissions shown in the following exhibit.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer Area

Users in the finance group can [answer choice] the dataset.

assign sensitivity labels to

use Analyze in Excel with

delete

Users in the corp group can [answer choice] the dataset.

grant the Build permission for

grant the Read permission for

remove a table from

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Users in the finance group can [answer choice] the dataset.

assign sensitivity labels to

use Analyze in Excel with

delete

Users in the corp group can [answer choice] the dataset.

grant the Build permission for

grant the Read permission for

remove a table from

NEW QUESTION 184

- (Topic 4)

You are developing a report page. Some users will navigate the report by using a keyboard, and some users will consume the report by using a screen reader.

You need to ensure that the users can consume the content on a report page in a logical order. What should you configure in Microsoft Power BI Desktop?

- A. the bookmark order
- B. the layer order
- C. the tab order
- D. the X position

Answer: C

Explanation:

If you find yourself unable to navigate to an object or visual while using a keyboard, it may be because the report author has decided to hide that object from the tab order. Report authors commonly hide decorative objects from the tab order. If you find that you cannot tab through a report in a logical manner, you should contact the report author. Report authors can set the tab order for objects and visuals.

Reference:

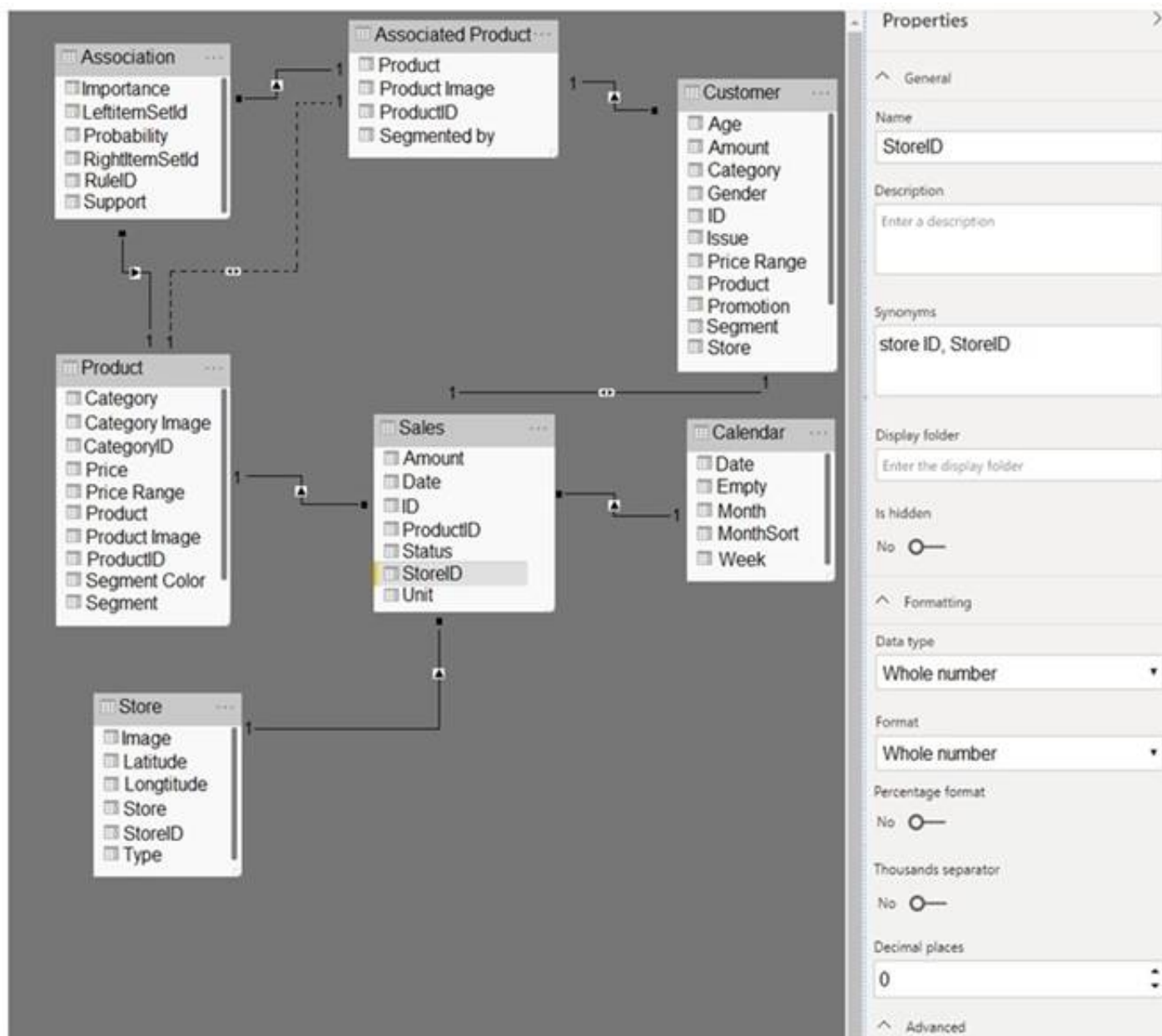
https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-consuming- tools

NEW QUESTION 185

HOTSPOT - (Topic 4)

You have the Power BI data model shown in the following exhibit.





Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.  
NOTE: Each correct selection is worth one point.

When a table visual is added to a blank report page and populated by using the StoreID field from the Sales table, a **[answer choice]** is displayed.

distinct count of the StoreID values
list of all the StoreID values
list of the distinct StoreID values
sum of the StoreID values

Adding a page filter of Sales[StoreID] = 1 will filter the values displayed on the page from **[answer choice]**.

all the tables related to the Sales table
only the Sales table
only the Store table
the Sales table and the Customer table

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

When a table visual is added to a blank report page and populated by using the StoreID field from the Sales table, a **[answer choice]** is displayed.

distinct count of the StoreID values
list of all the StoreID values
list of the distinct StoreID values
sum of the StoreID values

Adding a page filter of Sales[StoreID] = 1 will filter the values displayed on the page from **[answer choice]**.

all the tables related to the Sales table
only the Sales table
only the Store table
the Sales table and the Customer table

#### NEW QUESTION 189

DRAG DROP - (Topic 4)

You are preparing a financial report in Power BI.

You connect to the data stored in a Microsoft Excel spreadsheet by using Power Query Editor as shown in the following exhibit.



	Column1	1.2 Column2	1.2 Column3	1.2 Column4	1.2 Column5	1.2 Column6
1	Measure	2016	2017	2018	2019	2020
2	Revenue	0.5	0.6	0.55	0.61	0.42
3	Overheads	0.11	0.330410907	0.167055779	0.360178153	0.183179995
4	Cost of Goods	0.204388253	0.165848321	0.25	0.17	0.109073918

You need to prepare the data to support the following:

? Visualizations that include all measures in the data over time

? Year-over-year calculations for all the measures

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

#### Actions

Rename the Attribute column as Year

Rename the Measure column as Year

Use the first row as headers

Use headers as the first row

Unpivot all the columns other than Measure

Transpose the table

Change the data type of the Year column to Date

#### Answer Area



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

#### Actions

Rename the Attribute column as Year

Rename the Measure column as Year

Use the first row as headers

Use headers as the first row

Unpivot all the columns other than Measure

Transpose the table

Change the data type of the Year column to Date

#### Answer Area

Use the first row as headers

Unpivot all the columns other than Measure

Rename the Attribute column as Year

Change the data type of the Year column to Date

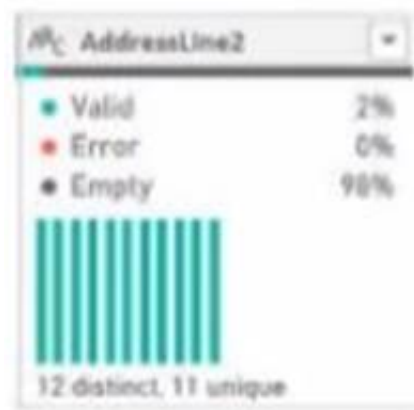


#### NEW QUESTION 191

HOTSPOT - (Topic 4)

You are profiling data by using Power Query Editor.

The AddressLine2 column in a table named Address is shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.  
NOTE: Each correct selection is worth one point.

Answer Area

There are [answer choice] different values in the column including nulls.

There are [answer choice] non-null values that occur only once in the column.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

There are [answer choice] different values in the column including nulls.

There are [answer choice] non-null values that occur only once in the column.

NEW QUESTION 193

DRAG DROP - (Topic 4)

In Power Query Editor, you have three queries named ProductCategory, ProductSubCategory, and Product.

Every Product has a ProductSubCategory.

Not every ProductsubCategory has a parent ProductCategory.

You need to merge the three queries into a single query. The solution must ensure the best performance in Power Query.

How should you merge the tables? To answer, drag the appropriate merge types to the correct queries. Each merge type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Join kinds

Full outer

Inner

Left anti

Left outer

Right anti

Right outer

Answer Area

Left Table	Right Table	Join Kind
Product	ProductSubCategory	Join kind
ProductSubCategory	ProductCategory	Join kind

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Join kinds

Full outer

Inner

Left anti

Left outer

Right anti

Right outer

Answer Area

Left Table	Right Table	Join Kind
Product	ProductSubCategory	Inner
ProductSubCategory	ProductCategory	Left outer

NEW QUESTION 194

- (Topic 4)  
You attempt to connect Purer 81 Desktop to a Cassandra database.  
From the Get Data connector list you discover that there is no specific connector for the Cassandra database,  
You need to select an alternate data connector that will connect to the database. Which of connector should you choose?

- A. Microsoft SQL Server database
- B. ODBC
- C. OData
- D. OLE DB

Answer: B

NEW QUESTION 196

- (Topic 4)  
In Power BI Desktop, you are building a sales report that contains two tables. Both tables  
have row-level security (RLS) configured.  
You need to create a relationship between the tables. The solution must ensure that bidirectional cross-filtering honors the RLS settings.  
What should you do?

- A. Create an active relationship between the tables and select Assume referential integrity.
- B. Create an inactive relationship between the tables and select Assume referential integrity.
- C. Create an inactive relationship between the tables and select Apply security filter in both directions.
- D. Create an active relationship between the tables and select Apply security filter in both directions.

Answer: D

Explanation:

By default, row-level security filtering uses single-directional filters, whether the relationships are set to single direction or bi-directional. You can manually enable bi- directional cross-filtering with row-level security by selecting the relationship and checking the Apply security filter in both directions checkbox. Select this option when you've also implemented dynamic row-level security at the server level, where row-level security is based on username or login ID.

Cardinality

Cross filter direction

Many to one (\*:1)

Both

☒ Make this relationship active

☐ Assume referential integrity

☒ Apply security filter in both directions

OK

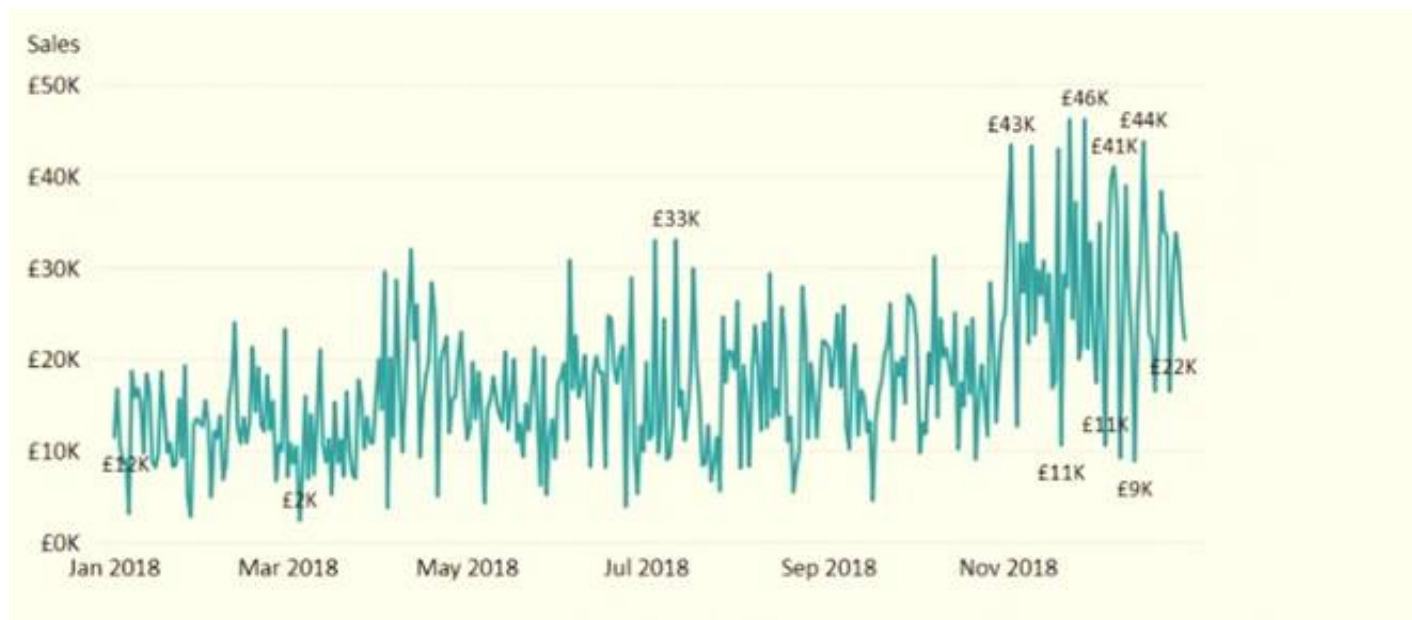
Cancel

Reference:  
https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls

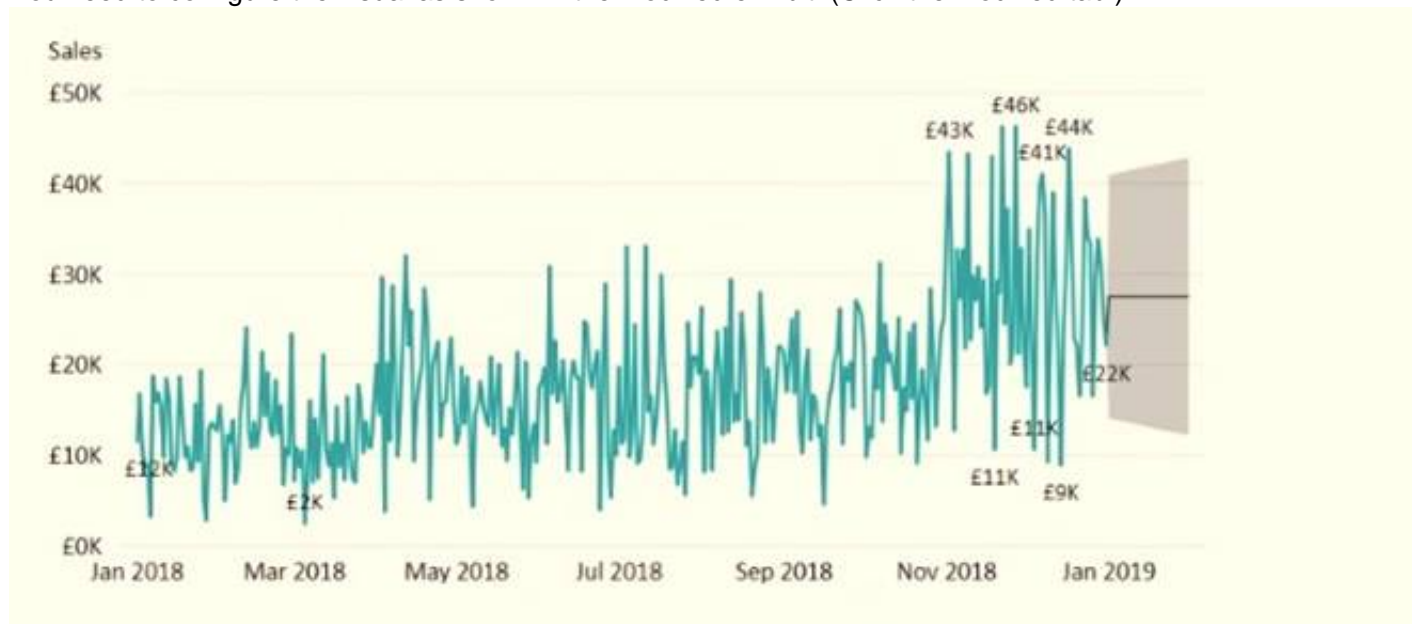
NEW QUESTION 199

- (Topic 4)  
You have the visual shown in the Original exhibit. {Click the Original tab.)





You need to configure the visual as shown in the Modified exhibit. (Click the Modified tab.)



What should you add to the visual?

- A. a measure
- B. a trendline
- C. a forecast
- D. an Average line

**Answer: C**

**Explanation:**

Explore forecast results by adjusting the desired confidence interval or by adjusting outlier data to see how they affect results.



Timeline Description automatically generated with low confidence

Reference:

<https://powerbi.microsoft.com/fr-fr/blog/introducing-new-forecasting-capabilities-in-power-view-for-office-365/>

**NEW QUESTION 202**

- (Topic 4)

You have a Microsoft Power BI dashboard. The report used to create the dashboard uses an imported dataset from a Microsoft SQL Server data source. The dashboard is shown in the exhibit. (Click the Exhibit tab.)





What occurred at 12:03:06 PM?

- A. A user pressed F5
- B. A new transaction was added to the data source.
- C. A user added a comment to a tile.
- D. The dashboard tile cache refreshed.

Answer: A

Explanation:

Reference:  
https://docs.microsoft.com/en-us/power-bi/connect-data/refresh-data

NEW QUESTION 207

HOTSPOT - (Topic 4)

Your company plans to use Power BI for 20 users in the sales department. The users will perform the following tasks:

- ? Access a published Power BI app
- ? Modify reports in an app workspace
- ? Share dashboards created in My Workspace

You need to identify which Power BI licenses are required for the tasks. The solution must use the Power BI (free) licenses, whenever possible.

Which license should you identify for each task? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

Access a published Power BI app:

Power BI (free)  
Power BI PRO

Modify report in an app workspace:

Power BI (free)  
Power BI PRO

Share dashboards created in My Workspace:

Power BI (free)  
Power BI PRO

- A. Mastered
- B. Not Mastered

**Answer:** A

### Explanation:

<https://docs.microsoft.com/en-us/power-bi/service-create-distribute-apps>

<https://docs.microsoft.com/en-us/power-bi/service-collaborate-power-bi-workspace>

## NEW QUESTION 211

- (Topic 4)

What should you create to meet the reporting requirements of the sales department?

- A. a calculated column that uses the following formula: `IF( ISBLANK(Sales[sales_amount]),0, (Sales[sales_amount]))`
- B. a measure that uses the following formula: `SUM(Sales[sales_amount])`
- C. a measure that uses the following formula: `SUMX(FILTER('Sales', 'Sales'[sales_amount] > 0)),[sales_amount])`
- D. a calculated column that uses the following formula: `ABS(Sales[sales_amount])`

- A. Option A
- B. Option B
- C. option C
- D. Option D

**Answer:** C

## NEW QUESTION 215

- (Topic 4)

You have an on-premises Power BI Report Server.

You plan to create a report in Power BI Desktop and publish the report to the report server. Which data source should the report use?

- A. Microsoft Azure SQL Database
- B. a Microsoft SQL Server database
- C. a Microsoft SQL Server Analysis Services (SSAS) database
- D. Microsoft Excel

**Answer:** C

### Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/report-server/quickstart-create-powerbi-report> <https://docs.microsoft.com/en-us/power-bi/report-server/connect-data-sources>

## NEW QUESTION 216

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.  
 After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen,  
 You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source.  
 You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition.  
 Solution: In the Power Query M code, you replace references to the Excel file with DataSourceExcel.  
 Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**Explanation:**

Instead modify the source step of the queries to use DataSourceExcel as the file path.

Note: Parameterising a Data Source could be used in many different use cases. From connecting to different data sources defined in Query Parameters to load different combinations of columns.

Reference:

<https://www.biinsight.com/power-bi-desktop-query-parameters-part-1/>

**NEW QUESTION 219**

- (Topic 4)

From Power BI Desktop, you publish a new dataset and report to a Power BI workspace. The dataset has a row-level security (RLS) role named HR. You need to ensure that the HR team members have RLS applied when they view reports based on the dataset. What should you do?

- A. From Power BI Desktop, change the Row-Level Security settings.
- B. From Power BI Desktop, import a table that contains the HR team members
- C. From powerbi.com, add users to the HR role for the dataset.
- D. From powerbi.com, share the dataset to the HR team members.

**Answer:** C

**NEW QUESTION 220**

- (Topic 4)

You are using the key influencers visual to identify which factors affect the quantity of items sold in an order.

You add the following fields to the Explain By field:

- \* Customer Country
- \* Product Category
- \* Supplier Country
- \* Sales Employee
- \* Supplier Name
- \* Product Name
- \* Customer City

The key influencers visual returns the results shown in the following exhibit.



What can you identify from the visual?

- A. Customers in Austria order 18.8 more units than the average order quantity.
- B. Customers in Boise order 20.37 percent more than the average order quantity.

- C. Product Category positively influences the quantity per order.  
 D. Customers in Cork order lower quantities than average.

Answer: A

## NEW QUESTION 222

HOTSPOT - (Topic 4)

You have a Power BI report. You have the following tables.

Name	Description
Balances	The table contains daily records of closing balances for every active bank account. The closing balances appear for every day the account is live, including the last day.
Date	The table contains a record per day for the calendar years of 2000 to 2025. There is a hierarchy for financial year, quarter, month, and day.

You have the following DAX measure.

```
Accounts :=
CALCULATE (
```

Answer Area

### Statements

- A table visual that displays the date hierarchy at the year level and the [Accounts] measure will show the total number of accounts that were live throughout the year.
- A table visual that displays the date hierarchy at the month level and the [Accounts] measure will show the total number of accounts that were live throughout the month.
- A table visual that displays the date hierarchy at the day level and the [Accounts] measure will show the total number of accounts that were live that day.

Yes

No

☐
☐
☐
☐
☐
☐

- A. Mastered  
 B. Not Mastered

Answer: A

Explanation:

Answer Area

### Statements

- A table visual that displays the date hierarchy at the year level and the [Accounts] measure will show the total number of accounts that were live throughout the year.
- A table visual that displays the date hierarchy at the month level and the [Accounts] measure will show the total number of accounts that were live throughout the month.
- A table visual that displays the date hierarchy at the day level and the [Accounts] measure will show the total number of accounts that were live that day.

Yes

No

☐
☒
☐
☒
☒
☐

## NEW QUESTION 224

- (Topic 4)

You have a Power BI report hosted on powerbi.com that displays expenses by department for department managers.

The report contains a line chart that shows expenses by month.

You need to enable users to choose between viewing the report as a line chart or a column chart. The solution must minimize development and maintenance effort.

What should you do?

- A. Add a column chart, a bookmark, and a button for users to choose a visual.  
 B. Create a mobile report that contains a column chart.  
 C. Create a separate report page for users to view the column chart.  
 D. Enable report readers to personalize visuals.

Answer: C

## NEW QUESTION 225

- (Topic 4)

You have a Microsoft SharePoint Online site that contains several document libraries. One of the document libraries contains manufacturing reports saved as Microsoft Excel files. All the manufacturing reports have the same data structure.

You need to load only the manufacturing reports to a table for analysis. What should you do in Microsoft Power BI Desktop?

- A. Get data from a SharePoint Online folder, enter the site URL, and then select Combine& Load.  
 B. Get data from a SharePoint Online list and enter the site UR  
 C. Edit the query and filter by the path to the manufacturing reports library.  
 D. Get data from a SharePoint Online folder and enter the site UR  
 E. Edit the query and filter by the path to the manufacturing reports library.  
 F. Get data from a SharePoint Online list, enter the site URL, and then select Combine & Load.

Answer: B

Explanation:

We have to import Excel files from SharePoint, so we need the connector SharePoint folder which is used to get access to the files stored in the library. SharePoint list is a collection of content that has rows and columns (like a table) and is used for task lists, calendars, etc. Since we have to filter only on manufacturing reports, we have to select Transform and then filter by the corresponding folder path.

<https://docs.microsoft.com/en-us/power-query/connectors/sharepointlist>



NEW QUESTION 228

- (Topic 4)  
You have the dashboard shown in the following exhibit.



You need to modify the dashboard to display as shown in the following exhibit.



What should you do?

- A. Create and apply a custom dashboard theme.
- B. Change the colors of the visuals in the report.
- C. Apply the Dark dashboard theme.
- D. Upload a snapshot image of the dashboard.

Answer: A

NEW QUESTION 229

DRAG DROP - (Topic 4)  
You have a Power BI data model that contains two tables named Products and Sales. A one-to-many relationship exists between the tables.  
You have a report that contains a report-level filter for Products.  
You need to create a measure that will return the percent of total sales for each product. The measure must respect the report-level filter when calculating the total.  
How should you complete the DAX measure? To answer drag the appropriate DAX functions to the correct targets- Each function may be used once, more than once, or not at all the spirt bar between panes or scroll to view content  
NOTE: Each correct selection is worth one point

DAX Function

ALL

ALLSELECTED

CALCULATE

FILTER

SELECTEDVALUE

Answer Area

Percent of Product Sales =

VAR ProductSales = SUM ('Sales'[Sales])

VAR AllSales =

Function (SUM ('Sales'[Sales]), Function ('Products'[Product]))

RETURN

DIVIDE (ProductSales, AllSales)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

DAX Function

ALL

ALLSELECTED

CALCULATE

FILTER

SELECTEDVALUE

Answer Area

Percent of Product Sales =

VAR ProductSales = SUM ('Sales'[Sales])

VAR AllSales =

CALCULATE (SUM ('Sales'[Sales]), FILTER ('Products'[Product]))

RETURN

DIVIDE (ProductSales, AllSales)

NEW QUESTION 234

DRAG DROP - (Topic 4)

You have a Power BI report that contains three pages. The pages are used to analyze sales across various countries. You add a sheer named Country to each page of the report. You need to configure the report to meet the following requirements:

- When a user selects a country on the first page, the report must filter the other pages.
- The second and third pages must display only the filtered results.

Which task should you perform for each requirement? To answer, drag the appropriate task to the correct requirement. Each task may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content. Ther

NOTE Each correct selection is worth one point.

Tasks

Add the Country field to the filters on all the pages

Configure the Country slicer to sync across all the pages

Configure the Country slicer to sync only on the second and third pages

Hide the Country slicer on the second and third pages

Answer Area

When a user selects a country on the first page, the report must filter the other pages:

The second and third pages must display only the filtered results:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Tasks

Add the Country field to the filters on all the pages

Configure the Country slicer to sync across all the pages

Configure the Country slicer to sync only on the second and third pages

Hide the Country slicer on the second and third pages

Answer Area

When a user selects a country on the first page, the report must filter the other pages:

The second and third pages must display only the filtered results:

Configure the Country slicer to sync across all the pages

Add the Country field to the filters on all the pages

NEW QUESTION 237

- (Topic 4)  
You have a query that returns the data shown in the following exhibit.

	A <sup>B</sup> <sub>C</sub> student	A <sup>B</sup> <sub>C</sub> classes
1	Mike A	Math,English,Art
2	Sam B	Physics
3	Kathy S	English, Math

You need to configure the query to display the data as shown in the following exhibit.

	A <sup>B</sup> <sub>C</sub> student	A <sup>B</sup> <sub>C</sub> classes
1	Mike A	Math
2	Mike A	English
3	Mike A	Art
4	Sam B	Physics
5	Kathy S	English
6	Kathy S	Math

Which step should you use in the query?

- A. =Table.ExpandListColumn(Table.TransformColumnins(Source, {"classes". Splitter.SplitTextByDelimiter(",", QuoteStyle.None), let itemType - (type nullable text) meta [Serialized.Text = true] in type {itemType}}), "classes")
- B. = Table.Unpivot(Source, {"classes"}, "Attribute", "Value")
- C. = Table.SplitColumn(Source, "classes". Splitter.SplitTextByDelimiterf",", QuoteStyle.None), {"classes.1"})
- D. = Table.SplitColumn(Source, "classes". Splitter.SplitTextByPositions({10}), {"classes.1"})

Answer: B

Explanation:

Power Query Unpivot columns: You might want to unpivot data, sometimes called flattening the data, to put it in a matrix format so that all similar values are in one column. This is necessary, for example, to create a chart or a report.

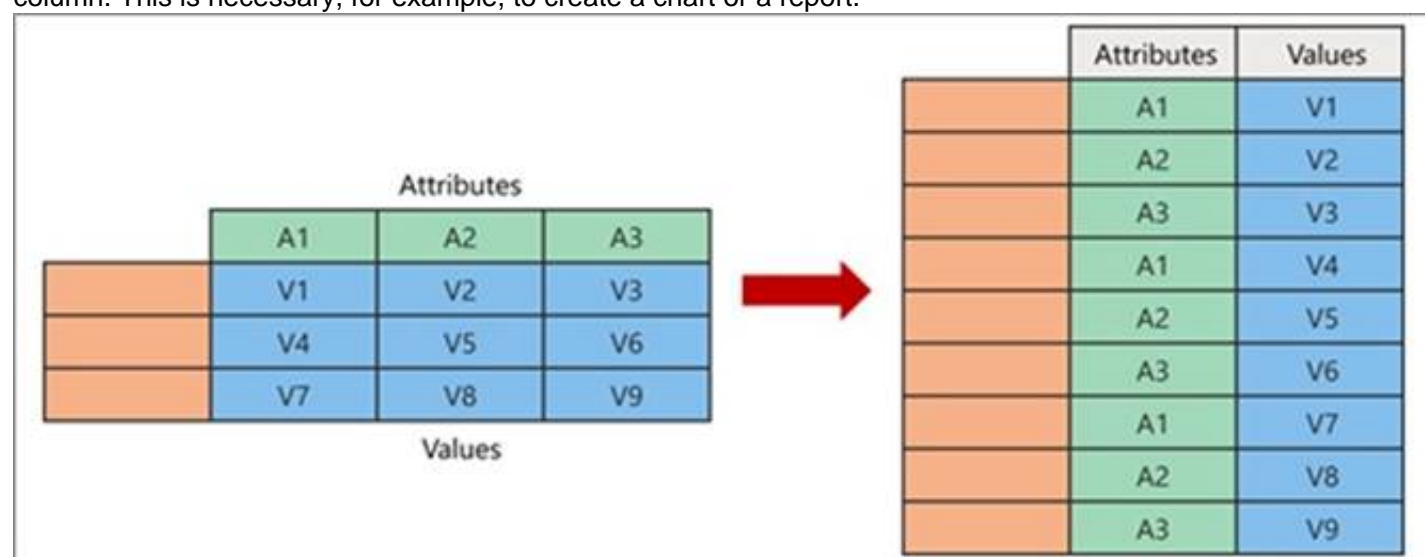


Chart Description automatically generated

Note:

Syntax: Table.Unpivot(table as table, pivotColumns as list, attributeColumn as text, valueColumn as text) as table

Table.Unpivot translates a set of columns in a table into attribute-value pairs, combined with the rest of the values in each row.

Reference:

<https://docs.microsoft.com/en-us/power-query/unpivot-column> <https://docs.microsoft.com/en-us/powerquery-m/table-unpivot>

### NEW QUESTION 239

- (Topic 4)

You have a Power Bi report. The report contains a visual that snows gross sales by date The visual has anomaly detection enabled.

No anomalies ate detected

You need to increase the likelihood that anomaly detection will identify anomalies in the report.

What should you do?

- A. Add a data field to the Secondary values field weft
- B. Increase the Sensitivity setting.
- C. Increase the Expected range transparency setting,
- D. Add a data field to the Legend field well

**Answer:** B

#### Explanation:

If you increase the sensitivity, the algorithm is more sensitive to changes in your data. In that case, even a slight deviation is marked as an anomaly. If you decrease the sensitivity, the algorithm is more selective on what it considers an anomaly. reference: <https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-anomaly-detection>

### NEW QUESTION 244

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have several reports and dashboards in a workspace.

You need to grant all organizational users read access to a dashboard and several reports. Solution: You enable included in app for all assets.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

### NEW QUESTION 249

- (Topic 4)

You create a report by using Microsoft Power BI Desktop.

The report uses data from a Microsoft SQL Server Analysis Services (SSAS) cube located on your company's internal network.

You plan to publish the report to the Power BI Service.

What should you implement ta ensure that users who consume the report from the Power BI Service have the most up-to-date data from the cube?

- A. a subscription
- B. a scheduled refresh of the dataset
- C. an OData feed
- D. an On-premises data gateway

**Answer:** D

#### Explanation:

When you've created dynamic reports in Power BI Desktop, you can share them by publishing to your Power BI site. When you publish a Power BI Desktop file with a live connection to a tabular model to your Power BI site, an on-premises data gateway must be installed and configured by an administrator.

### NEW QUESTION 252

- (Topic 4)

You have a Power BI dashboard that displays different visualizations of company sales.  
You enable Q&A on the dashboard.  
You need to provide users with sample questions that they can ask when using Q&A. Which settings should you modify from the Power BI Settings?

- A. Subscriptions
- B. Dashboards
- C. Datasets
- D. Workbooks

Answer: C

Explanation:  
References: <https://docs.microsoft.com/en-us/power-bi/service-q-and-a-create-featured-questions>

NEW QUESTION 256

DRAG DROP - (Topic 4)  
You use Power Query Editor to preview customer feedback data.  
You need to use AI Insights to add a column of enhanced data based on the customer feedback. The solution must identify the following:

- What the customers most often provide feedback about
- Whether the customers like your company's product
- The language of the feedback

Which AI Insights service should you use for each output? To answer, drag the appropriate services to the correct outputs. Each service may be used once, more than once. or not at all. You may need to drag the split bar between panes or scroll to view content.  
NOTE: Each correct selection is worth one point.

AI Insights services

Image Tagging

Key Phrase Extraction

Language Detection

Sentiment Analysis

Answer Area

What the customers most often provide feedback about:

Whether the customers like your company's product:

The language of the feedback:

- A. Mastered
- B. Not Mastered

Answer: A

AI Insights services

Image Tagging

Key Phrase Extraction

Language Detection

Sentiment Analysis

Answer Area

What the customers most often provide feedback about: Key Phrase Extraction

Whether the customers like your company's product: Sentiment Analysis

The language of the feedback: Language Detection

NEW QUESTION 257

FILL IN THE BLANK - (Topic 4)  
You are creating a line chart in a Power BI report as shown in the following exhibit.  
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.



NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
Answer as selected



## Answer Area

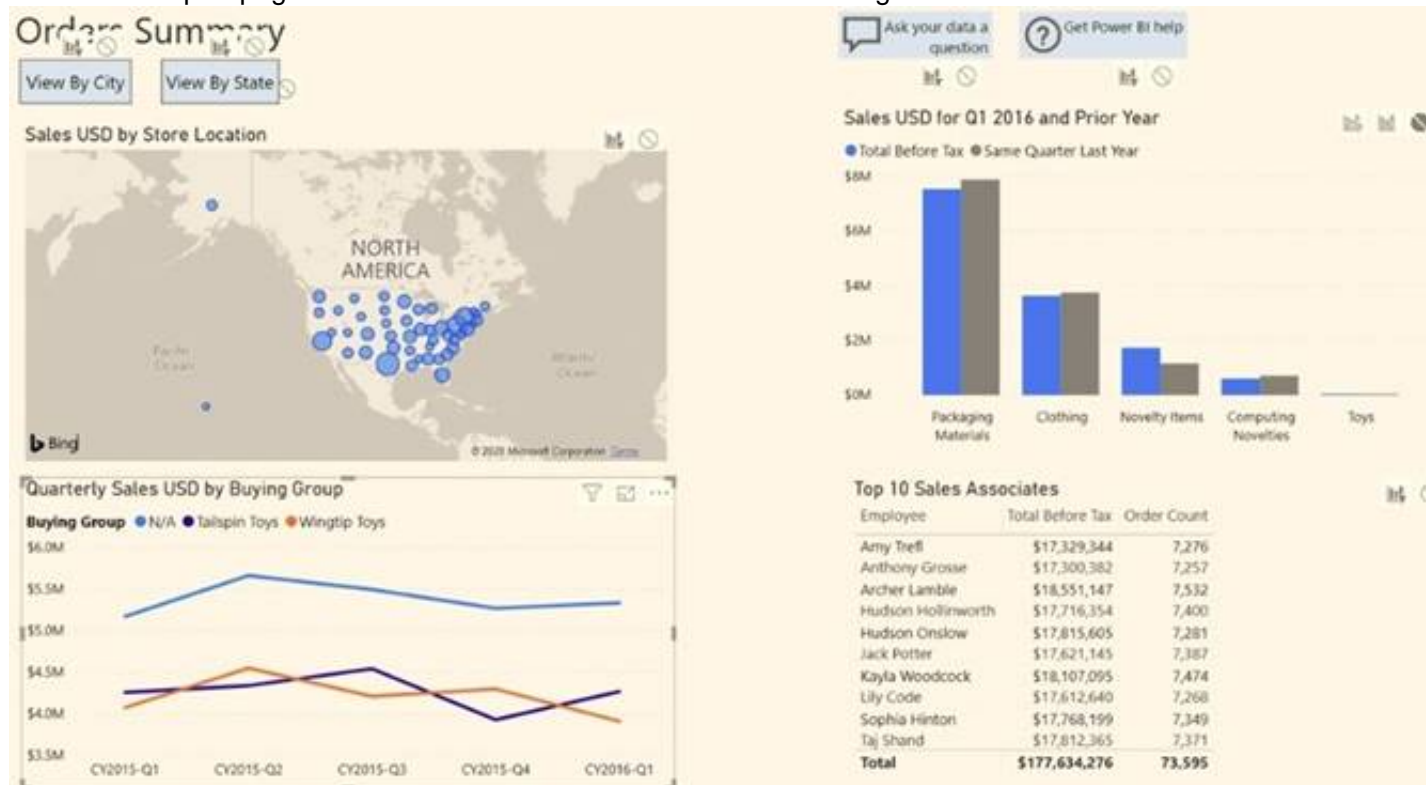
The dashed line representing the Year Average Employee Count was created by using [answer choice]. an average reference line

To enable users to drill down to weeks or days, add the Weeks and Days field to the [answer choice] bucket. Values

## NEW QUESTION 260

### HOTSPOT - (Topic 4)

You have a report page that contains the visuals shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic. NOTE: Each correct selection is worth one point.

## Answer Area

Selecting a quarter on the line chart will [answer choice] the clustered column chart.

- cross-filter
- cross-highlight
- not affect

Selecting a data point on the Tailspin Toys line on the line chart will [answer choice] the map.

- cross-filter
- cross-highlight
- not affect

- A. Mastered
- B. Not Mastered

Answer: A

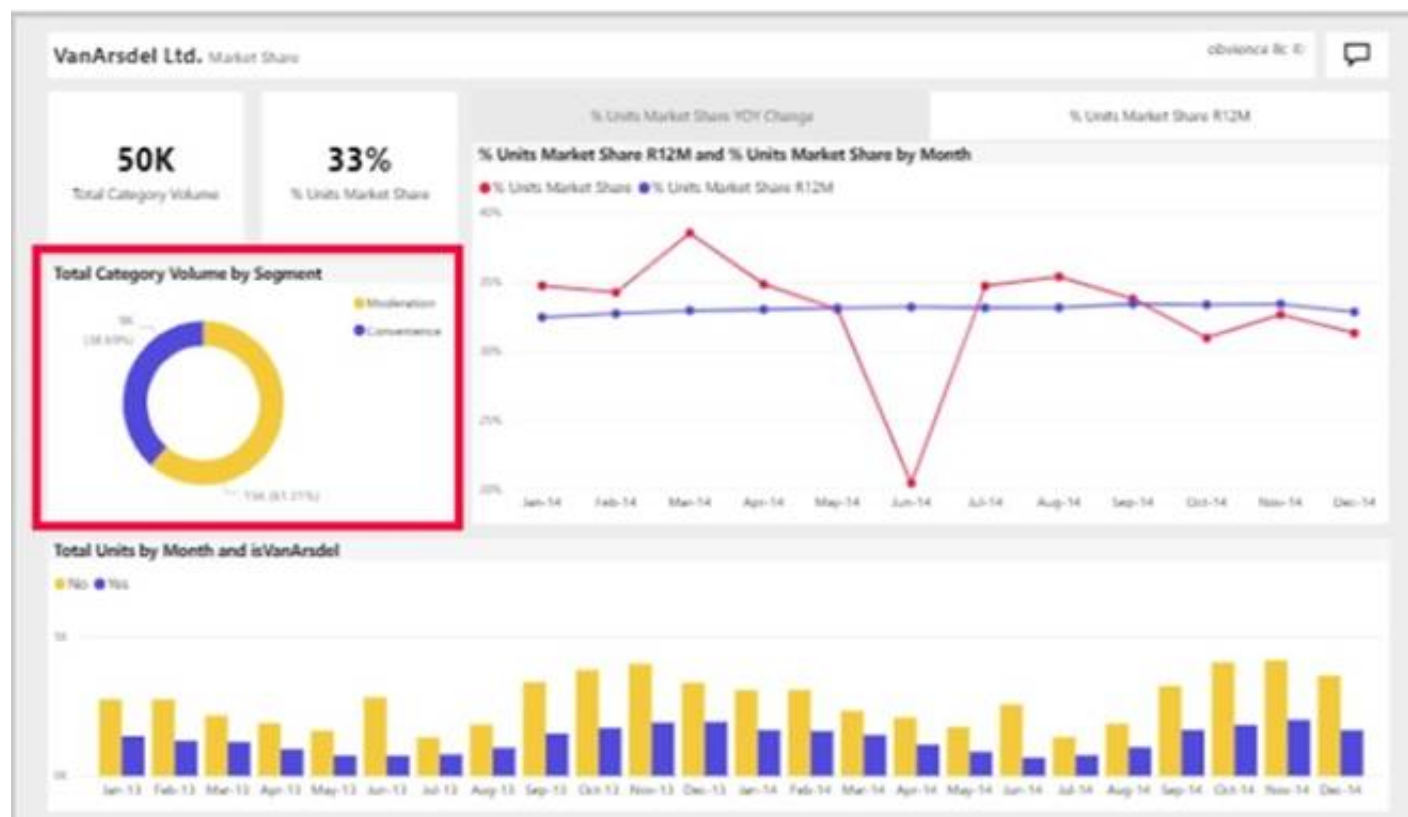
## Explanation:

Box 1: cross-filter

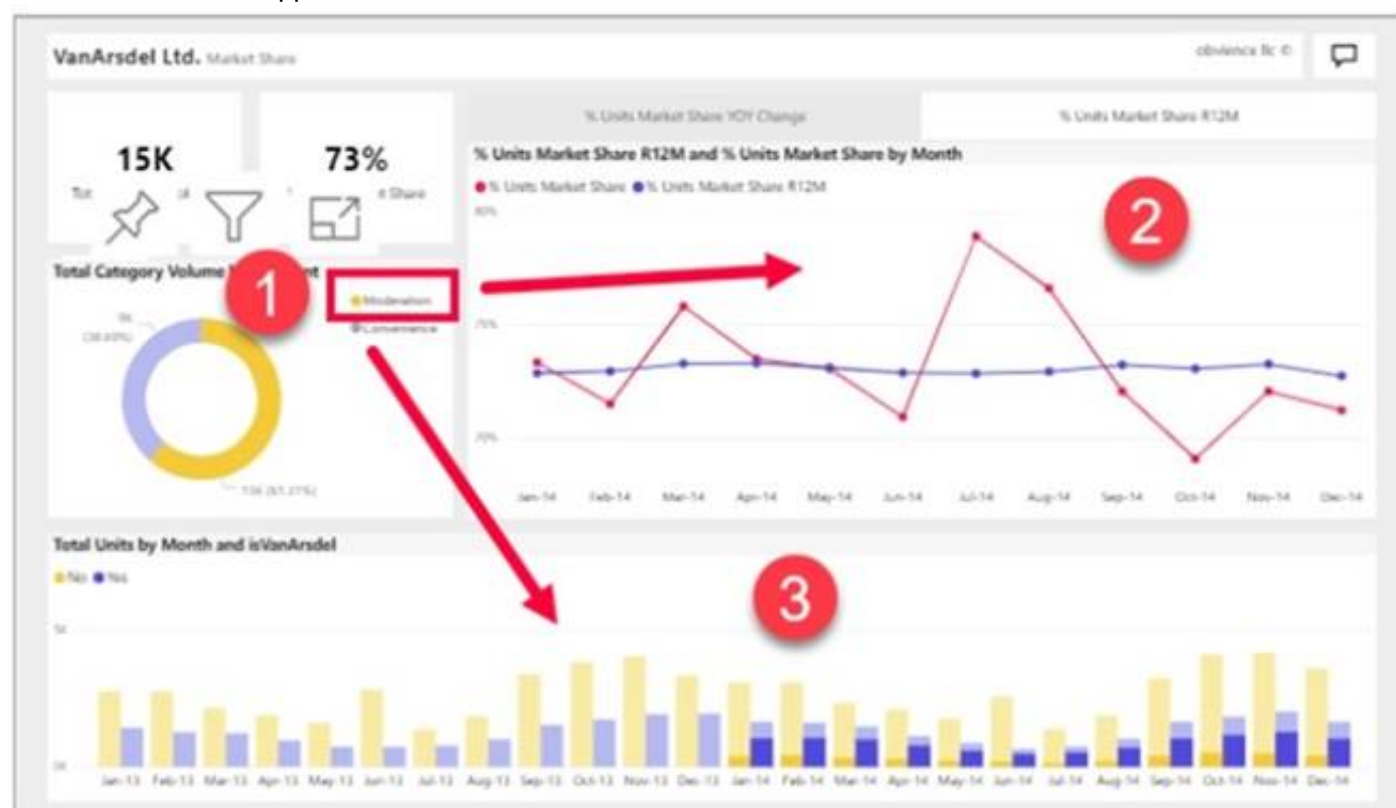
By default, selecting a data point in one visual on a report page will cross-filter or cross-highlight the other visuals on the page.

Box 2: cross-highlight Example:

By default, selecting a data point in one visual on a report page will cross-filter or cross-highlight the other visuals on the page.



\* 1. Let's see what happens when we select Moderation.



\* 2. Cross-filtering removes data that doesn't apply. Selecting Moderation in the doughnut chart cross-filters the line chart. The line chart now only displays data points for the Moderation segment.

\* 3. Cross-highlighting retains all the original data points but dims the portion that does not apply to your selection. Selecting Moderation in the doughnut chart cross-highlights the column chart. The column chart dims all the data that applies to the Convenience segment and highlights all the data that applies to the Moderation segment.

## NEW QUESTION 261

- (Topic 4)

You build a report to analyze customer transactions from a database that contains the tables shown in the following table.

Table name	Column name
Customer	CustomerID (primary key)
	Name
	State
	Email
Transaction	TransactionID (primary key)
	CustomerID (foreign key)
	Date
	Amount

You import the tables.

Which relationship should you use to link the tables?

- A. one-to-many from Customer to Transaction
- B. one-to-one between Customer and Transaction
- C. one-to-many from Transaction to Customer
- D. many-to-many between Customer and Transaction

**Answer:** A

### Explanation:

Each customer can have many transactions.

For each transaction there is exactly one customer.

#### NEW QUESTION 266

- (Topic 4)

You have sales data in a star schema that contains four tables named Sales, Customer, Date, and Product.

The Sales table contains purchase and ship dates.

Most often, you will use the purchase date to analyze the data, but you will analyze the data by both dates independently and together.

You need to design an imported dataset to support the analysis. The solution must minimize the model size and the number of queries against the data source.

Which data modeling design should you use?

A. Use the Auto Date/Time functionality in Microsoft Power BI and do NOT import the Datetable.

B. Duplicate the Date query in Power Query and use active relationships between both Date tables.

C. On the Date table, use a reference query in Power Query and create active relationships between Sales and both Date tables in the modeling view.

D. Create an active relationship between Sales and Date for the purchase date and an inactive relationship for the ship date.

**Answer:** D

#### Explanation:

Only one relationship can be active.

Note: If you query two or more tables at the same time, when the data is loaded, Power BI Desktop attempts to find and create relationships for you. The relationship options Cardinality, Cross filter direction, and Make this relationship active are automatically set.

Reference:

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-create-and-manage-relationships>

#### NEW QUESTION 271

- (Topic 4)

You have a Power BI report named Report1 and a dashboard named Dashboard1. Report1 contains a line chart named Sales by month.

You pin the Sales by month visual to Dashboard1.

In Report1, you change the Sales by month visual to a bar chart. You need to ensure that the bar chart displays on Dashboard1. What should you do?

A. Refresh the dataset used by Report1 and Dashboard1.

B. Select Refresh visuals for Dashboard1.

C. Edit the details for the dashboard tile Of Dashboard1.

D. Pin the Sales by month bar chart to Dashboard1.

**Answer:** A

#### NEW QUESTION 273

- (Topic 4)

What is the minimum number of Power BI datasets needed to support the reports?

A. a single imported dataset

B. two imported datasets

C. two DirectQuery datasets

D. a single DirectQuery dataset

**Answer:** A

#### NEW QUESTION 277

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a query for a table named Sales. Sales has a column named CustomerID. The Data Type of CustomerID is Whole Number.

You refresh the data and find several errors. You discover that new entries in the Sales table contain nonnumeric values.

You need to ensure that nonnumeric values in the CustomerID column are set to 0. Solution: From Query Editor, select the CustomerID column and click Remove Errors. Does this meet the goal?

A. Yes

B. No

**Answer:** B

#### NEW QUESTION 281

- (Topic 4)

You need to create the On-Time Shipping report.

The report must include a visualization that shows the percentage of late orders. Which type of visualization should you create?

A. scatterplot

B. bar chart

C. piechart

**Answer:** B

#### NEW QUESTION 283

- (Topic 4)

You have a Microsoft Power BI report. The size of PBIX file is 550 MB. The report is accessed by using an App workspace in shared capacity of powerbi.com.

The report uses an imported dataset that contains one fact table. The fact table contains 12 million rows. The dataset is scheduled to refresh twice a day at 08:00 and 17:00.

The report is a single page that contains 15 AppSource visuals and 10 default visuals. Users say that the report is slow to load the visuals when they access and interact with the report.

You need to recommend a solution to improve the performance of the report. What should you recommend?

- A. Change any DAX measures to use iterator functions.
- B. Replace the default visuals with AppSource visuals.
- C. Change the imported dataset to DirectQuery.
- D. Remove unused columns from tables in the data model.

**Answer: D**

**Explanation:**

DirectQuery: No data is imported or copied into Power BI Desktop.

Import: The selected tables and columns are imported into Power BI Desktop. As you create or interact with a visualization, Power BI Desktop uses the imported data.

Benefits of using DirectQuery

There are a few benefits to using DirectQuery:

? DirectQuery lets you build visualizations over very large datasets, where it would otherwise be unfeasible to first import all the data with pre-aggregation.

? Underlying data changes can require a refresh of data. For some reports, the need to display current data can require large data transfers, making reimporting data unfeasible. By contrast, DirectQuery reports always use current data.

The 1-GB dataset limitation doesn't apply to DirectQuery. Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-use-directquery>

**NEW QUESTION 287**

- (Topic 4)

Your company plans to completely separate development and production assets such as datasets, reports, and dashboards in Microsoft Power BI.

You need to recommend an application lifecycle strategy. The solution must minimize access to production assets and prevent end users from viewing the development assets.

What should you recommend?

- A. Create production reports in a separate workspace that uses a shared dataset from the developmentworkspac
- B. Grant the end users access to the production workspace.
- C. Create one workspace for developmen
- D. From the new workspace, publish an app for production.
- E. Create a workspace for development and a workspace for productio
- F. From the production workspace,publish an app.
- G. In one workspace, create separate copies of the assets and append DEV to the names of the copied asset
- H. Grant the end users access to the workspace.

**Answer: C**

**Explanation:**

Use different work stages (Development, Test, and Production). Deploy from the Development workspace.

Reference:

<https://visualbi.com/blogs/microsoft/powerbi/application-lifecycle-management-power-bi/>

**NEW QUESTION 291**

- (Topic 4)

You have a CSV file that contains user complaints. The file contains a column named Logged. Logged contains the date and time each complaint occurred. The data in Logged is in the following format: 2018-12-31 at 08:59.

You need to be able to analyze the complaints by the logged date and use a built-in date hierarchy.

What should you do?

- A. Apply a transformation to extract the last 11 characters of the Logged column and set the data type of the new column to Date.
- B. Change the data type of the Logged column to Date.
- C. Split the Logged column by using at as the delimiter.
- D. Apply a transformation to extract the first 11 characters of the Logged column.

**Answer: C**

**Explanation:**

Simply create a custom table in Power Query, enter the date shown in the question into a column called Date, and then Split it by a delimiter. No need for spaces on either side of "at" Power BI takes care of the rest:

= Table.SplitColumn("#Changed Type", "Date", Splitter.SplitTextByDelimiter("at", QuoteStyle.Csv), {"Date.1", "Date.2"})

It will even automatically change the type to Date:

= Table.TransformColumnTypes("#Split Column by Delimiter",{{"Date.1", type date}, {"Date.2", type time}})

**NEW QUESTION 295**

- (Topic 4)



Simon	101	100
Wenanta	102	100
Conrad	103	101
Priyish	104	103
Sunil	105	103
Pavel	106	102

Each employee has one manager as shown in the ParentEmployeeID column, All reporting paths lead to the CEO at the top of the organizational hierarchy. You need to create a calculated column that returns the count of levels from each employee to the CEO. Which DAX expression should you use?

A. `PATHITEM(PATH(Employee[EmployeeID],Employee[ParentEmployeeID]),1,INTEGER)`

B. `PATHCONTAINS(PATH(Employee[EmployeeID],Employee[ParentEmployeeID]),1)`

C. `PATH(Employee[EmployeeID],Employee[ParentEmployeeID])`

D. `PATHLENGTH(PATH(Employee[EmployeeID],Employee[ParentEmployeeID]))`

- A. Option A
- B. Option B
- C. option C
- D. Option D

Answer: B

#### NEW QUESTION 299

DRAG DROP - (Topic 4)

You have a Power BI workspace that contains a single-page report named Sales.

You need to add all the visuals from Sales to a dashboard. The solution must ensure that additional visuals added to the page are added automatically to the dashboard.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Pin the page.
- Open the Sales report.
- Open Power BI Desktop.
- Pin each visual.
- Open powerbi.com.
- Create a new report.

Answer Area

>

<

^

v

- A. Mastered
- B. Not Mastered

Answer: A

#### Explanation:

Open powerbi.com Select sales report  
Pin the page

#### NEW QUESTION 301

- (Topic 4)

You have a Power BI model that contains a table named Sales. The Sales table contains the following columns:

- Order Line ID
- Product ID
- Unit Price
- Order ID
- Quantity

Orders are uniquely identified by using the order ID and can have multiple order lines Each order line within an order contains a different product ID.

You need to write a DAX measure that counts the number of orders. Which formula should you use?

- A. `CountRows('Sales')`
- B. `Count ('Sales'(Order ID))`
- C. `CountA (Sale** (Order ID))`
- D. `DistinctCount (sales[Order ID])`

Answer: D

#### NEW QUESTION 302

- (Topic 4)

In the Power BI service, you create an app workplace that contains several dashboards.

You need to provide a user named user1@contoso.com with the ability to edit and publish dashboards.

What should you do?

- A. Modify the members of the app workspace.
- B. Configure security for the dataset used by the app.
- C. Share the dashboard, and then modify the Access settings of the dashboard.
- D. From the app workspace, click Update app, and then configure the Access settings.

**Answer:** C

#### NEW QUESTION 304

DRAG DROP - (Topic 4)

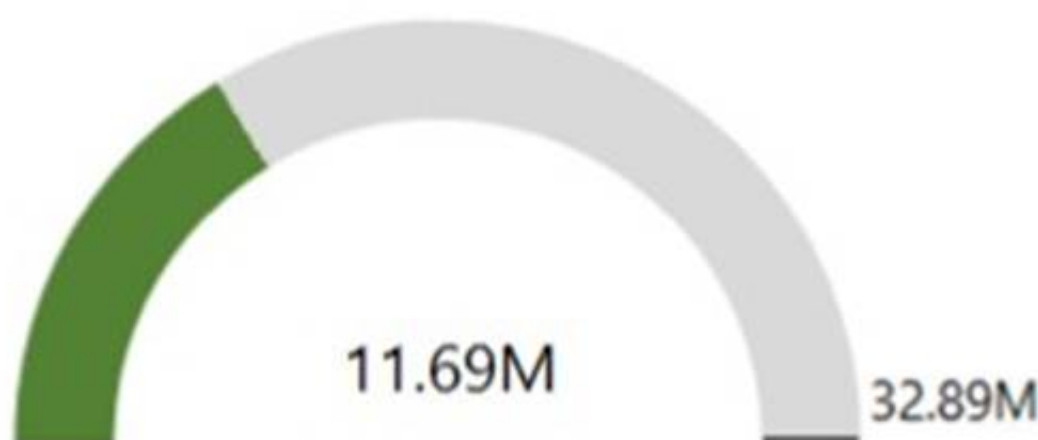
You have a Power BI model that contains a table named Sales. Sales has the following three measures:

? A measure named Total Sales Last Year that displays the sales from the previous calendar year. The current value is 32.89 million.

? A measure named Total Sales This Year that displays the sales from the current calendar year. The current value is 11.69 million.

? A measure named Total Sales Difference that uses a DAX formula of Sales[Last Year] – Sales[This Year].

You need to create the following visualization.



How should you configure the visualization? To answer, drag the appropriate measures to the correct fields. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

#### Measures

- Total Sales Difference
- Total Sales Last Year
- Total Sales This Year

#### Answer Area

Value:

Maximum value:

Target value:

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-radial-gauge-charts>

#### NEW QUESTION 305

- (Topic 4)

You have a collection of reports for the HR department of your company. The datasets use row-level security (RLS). The company has multiple sales regions that each has an HR manager. You need to ensure that the HR managers can interact with the data from their region only. The HR managers must be prevented from changing the layout of the reports. How should you provision access to the reports for the HR managers?

- A. Create a new workspace, copy the datasets and reports, and add the HR managers as members of the workspace.
- B. Publish the reports to a different workspace other than the one hosting the datasets.
- C. Publish the reports in an app and grant the HR managers access permission.
- D. Add the HR managers as members of the existing workspace that hosts the reports and the datasets.

**Answer:** C

#### Explanation:

Note: Row-level security (RLS) with Power BI can be used to restrict data access for given users. Filters restrict data access at the row level, and you can define filters within roles. In the Power BI service, members of a workspace have access to datasets in the workspace. RLS doesn't restrict this data access.

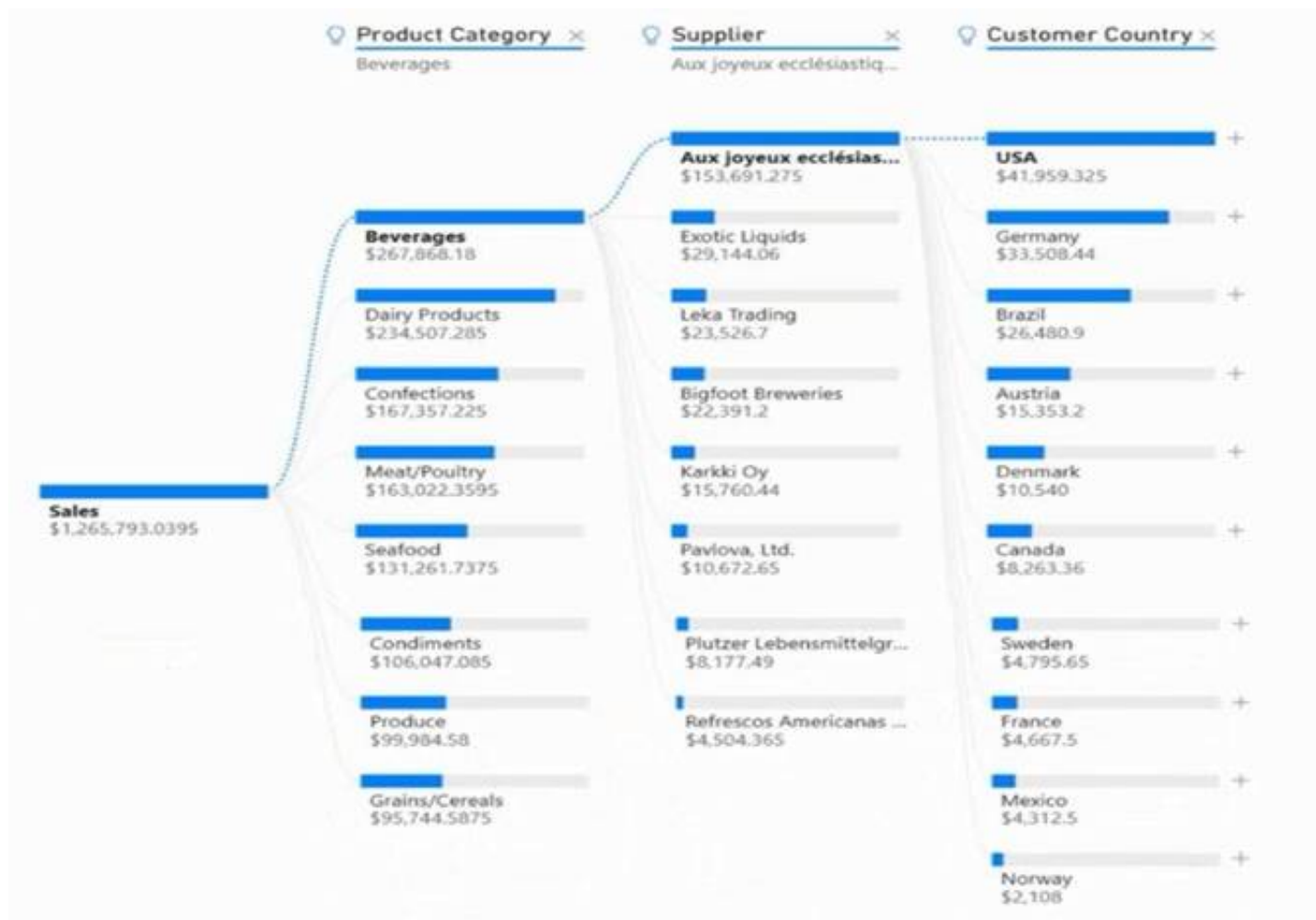
Reference:

<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>

#### NEW QUESTION 307

- (Topic 4)

You need to create a visual that enables the adhoc exploration of data as shown in the following exhibit.



Which type of visual should you use?

- A. Q&A
- B. decomposition tree
- C. smart narrative
- D. key influencers

Answer: B

### NEW QUESTION 312

- (Topic 4)

You have the dataset shown in the following exhibit.

City	Sales Profit
Abbotsburg	\$173,947
Absecon	\$129,358
Accomac	\$157,768
Aceitunas	\$119,283
Airport Drive	\$162,500
Akhiok	\$259,554
Alcester	\$127,040
Alden Bridge	\$152,138
Alstead	\$106,147
Amado	\$136,718
Amanda Park	\$117,444
Andrix	\$130,710
Annamoriah	\$139,499
Antares	\$147,562
Antonio	\$113,056
<b>Total</b>	<b>\$85,729,181</b>

You need to ensure that the visual shows only the 10 cities that have the highest sales profit. What should you do?

- A. Add a Top N filter to the visual.
- B. Configure the Sales Profit measure to use the RANKX function.
- C. Add a calculated column to the table that uses the TOPN function.
- D. In the visual, replace Sales Profit with the calculated column.
- E. Add a calculated column to the table that returns the city name if the city is in the top 10, otherwise the calculated column will return "Not in Top 10". In the visual, replace Sales Profit with the calculated column.

**Answer:** A

**Explanation:**

Power BI Top N Filters are useful to display the top performing records, and Bottom N filters are helpful to display the least performing records. For example, we can display top or bottom 10 products by orders or sales.

Note:

- ? Select the Column you want to display the Top Sales Profit
- ? Then change the Filter Type of that Column to Top N
- ? Fill in Top / Bottom number field
- ? And lastly drag to the By Value field your Sales Profit

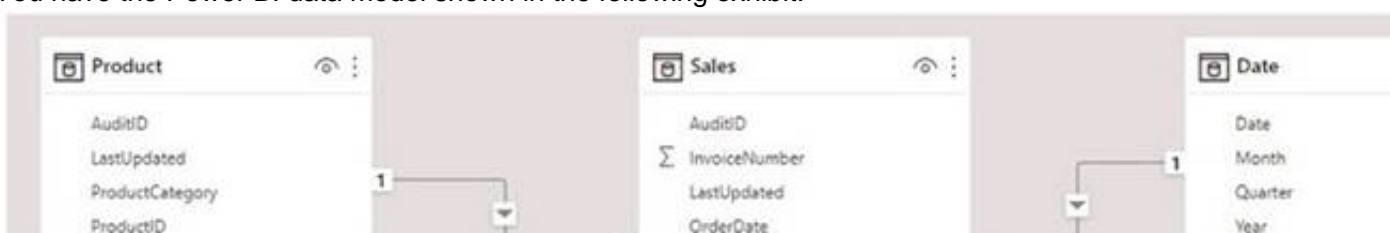
Reference:

<https://www.tutorialgateway.org/power-bi-top-10-filters/>

**NEW QUESTION 314**

HOTSPOT - (Topic 4)

You have the Power BI data model shown in the following exhibit.



Select the appropriate yes or no.



Statements	Yes	No
Removing the LastUpdated column from the Sales table reduces the model size while still supporting the required analysis.	<input type="radio"/>	<input type="radio"/>
Removing the ProductID column from the Sales table reduces the model size while still supporting the required analysis.	<input type="radio"/>	<input type="radio"/>
Removing the ShipDate column from the Sales table reduces the model size while still	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Removing the LastUpdated column from the Sales table reduces the model size while still supporting the required analysis.	<input checked="" type="radio"/>	<input type="radio"/>
Removing the ProductID column from the Sales table reduces the model size while still supporting the required analysis.	<input checked="" type="radio"/>	<input type="radio"/>
Removing the ShipDate column from the Sales table reduces the model size while still	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 315

- (Topic 4)  
You import two Microsoft Excel tables named Customer and Address into Power Query. Customer contains the following columns:  
? Customer ID  
? Customer Name  
? Phone  
? Email Address  
? Address ID  
Address contains the following columns:  
? Address ID  
? Address Line 1  
? Address Line 2  
? City  
? State/Region  
? Country  
? Postal Code  
The Customer ID and Address ID columns represent unique rows.  
You need to create a query that has one row per customer. Each row must contain City, State/Region, and Country for each customer.  
What should you do?

- A. Merge the Customer and Address tables.
- B. Transpose the Customer and Address tables.
- C. Group the Customer and Address tables by the Address ID column.
- D. Append the Customer and Address tables.

Answer: A

Explanation:

There are two primary ways of combining queries: merging and appending.  
? When you have one or more columns that you'd like to add to another query, you merge the queries.  
? When you have additional rows of data that you'd like to add to an existing query, you append the query.  
Reference:  
<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-shape-and-combine-data>

NEW QUESTION 317

HOTSPOT - (Topic 4)  
You have an API that returns more than 100 columns. The following is a sample of column names.  
? client\_notified\_timestamp  
? client\_notified\_source  
? client\_notified\_sourceid  
? client\_notified\_value  
? client\_responded\_timestamp  
? client\_responded\_source  
? client\_responded\_sourceid  
? client\_responded\_value  
You plan to include only a subset of the returned columns.  
You need to remove any columns that have a suffix of sourceid.  
How should you complete the Power Query M code? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

```
let
Source = ...,
rawData = Source{[tableId= "clientData"]}[Data],
removeSources = 
    Table.CombineColumn
    Table.FindText
    Table.FromList
    Table.RemoveColumns
    Table.ColumnNames(rawData),
    List.Contains
    List.Select
    Table.FindText
    Table.FromList
    each
        Text.Contains
        Text.EndsWith
        Text.From
        Text.StartsWith
in
removeSources
```

- A. Mastered  
B. Not Mastered

Answer: A

**Explanation:**

Box 1: Table.RemoveColumns

When you do "Remove Columns" Power Query uses the Table.RemoveColumns function

Box 2: List.Select Get a list of columns.

Box 3: Text.EndsWith

**NEW QUESTION 322**

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.

During the development process, you need to import a sample of the data from the Order table.

Solution: You add a WHERE clause to the SQL statement. Does this meet the goal?

- A. Yes  
B. No

Answer: A

**NEW QUESTION 327**

- (Topic 4)

You have a Power BI app named App1. The privacy for the App1 workspace is set to Private.

A user named User1 reports that App1 does not appear in the My organization AppSource. App1 appears in the My organization AppSource for your account.

You need to ensure that User sees App1 from the My organization AppSource. What should you do?

- A. From the app workspace, click Update app, configure the Content settings, and then click Update app.  
B. From the app workspace settings, add a member.  
C. From the app workspace, click Update app, configure the Access setting, and then click Update app.  
D. From the app workspace, share the dashboard.

Answer: C

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/service-organizational-content-pack-introduction#what-is-appsource>

**NEW QUESTION 328**

- (Topic 4)

The Sales table contains records of sales by day from the last five years up until today's date.

You plan to create a measure to return the total sales Of March 2021 when March 2022 is selected.

Which DAX expression should you use?

- A. `TOTALYTD (SUM(Sales[Sales]), dimDate[Date] )`
- B. `Calculate (SUM(Sales[Sales]), SAMEPERIODOLASTYEAR(dimDate[Date] ) )`
- C. `SUM(Sales[Sales])`
- D. `Calculate (SUM(Sales[Sales]), PREVIOUSYEAR( dimDate[Date]))`

- A. Option A  
 B. Option B  
 C. option C  
 D. Option D

**Answer:** B

### NEW QUESTION 333

DRAG DROP - (Topic 4)

You have a Power BI table named Customer that contains a field named Email Address. You discover that multiple records contain the same email address.

You need to create a calculated column to identify which records have duplicate email addresses.

How should you complete the OAX expression for the calculated column? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content

NOTE: Each correct selection is worth one point.

Values	Answer Area
ALL	<pre> Count Email = VAR Email = [Email Address] RETURN     (         (Customer),         (Customer),         Customer[Email Address] = Email     )           </pre>
CALCULATE	
COUNTROWS	
EVALUATE	
SUM	
SUMX	

- A. Mastered  
 B. Not Mastered

**Answer:** A

### Explanation:

You are to count the number of rows having same email address.

- \* 1. Declare a variable and call it any name you prefer
  - \* 2. Calculate the row count on the table
  - \* 3. Apply filter to ALL of the values in the table under the column name email address and equate it to the variable.
- You may need to read up filter functions for a proper understanding of how it works.

### NEW QUESTION 334

- (Topic 4)

You have a Power BI workspace named Workspace1 that contains a dataset named DS1 and a report named RPT1.

A user wants to create a report by using the data In DS1 and publish the report to another workspace.

You need to provide the user with the appropriate access. The solution must minimize the number of access permissions granted to the user.

What should you do?

- A. Share RPT1 with the user.  
 B. Add the user as a Viewer of Workspace1.  
 C. Add the user as a member of Workspace1.  
 D. Grant the Build permission for DS1 to the user.

**Answer:** D

### Explanation:

Microsoft says: To copy a report to another workspace, and to create a report in another workspace based on a dataset in the current workspace, you need Build permission for the dataset. For datasets in the original workspace, if you have at least the Contributor role, you automatically have Build permission through your workspace role. <https://learn.microsoft.com/en-us/power-bi/collaborate-share/service-roles-new-workspaces>

### NEW QUESTION 339

HOTSPOT - (Topic 4)

You have a query named All Sales that imports sales data into a Power BI model.

You plan to create a star schema by separating columns into separate queries and performing further transformations. The solution must meet the following requirements:

- Use All Sales as the source for three other queries named Sales Fact Product Dimension, and Customer Dimension.
- Minimize maintenance effort.

What should you do to create the Sales Fact query, and for which query should you clear Enable load? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

To create Sales Fact:

- Reference the All Sales query.
- Duplicate the All Sales query.
- Duplicate the Customer Dimension query.
- Reference the All Sales query.
- Reference the Customer Dimension query.

Clear Enable data load for:

- All Sales
- All Sales
- Customer Dimension
- Product Dimension
- Sales Fact

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

To create Sales Fact:

- Reference the All Sales query.
- Duplicate the All Sales query.
- Duplicate the Customer Dimension query.
- Reference the All Sales query.
- Reference the Customer Dimension query.

Clear Enable data load for:

- All Sales
- All Sales
- Customer Dimension
- Product Dimension
- Sales Fact

#### NEW QUESTION 342

- (Topic 4)

You need to create a visualization that compares revenue and cost over time. Which type of visualization should you use?

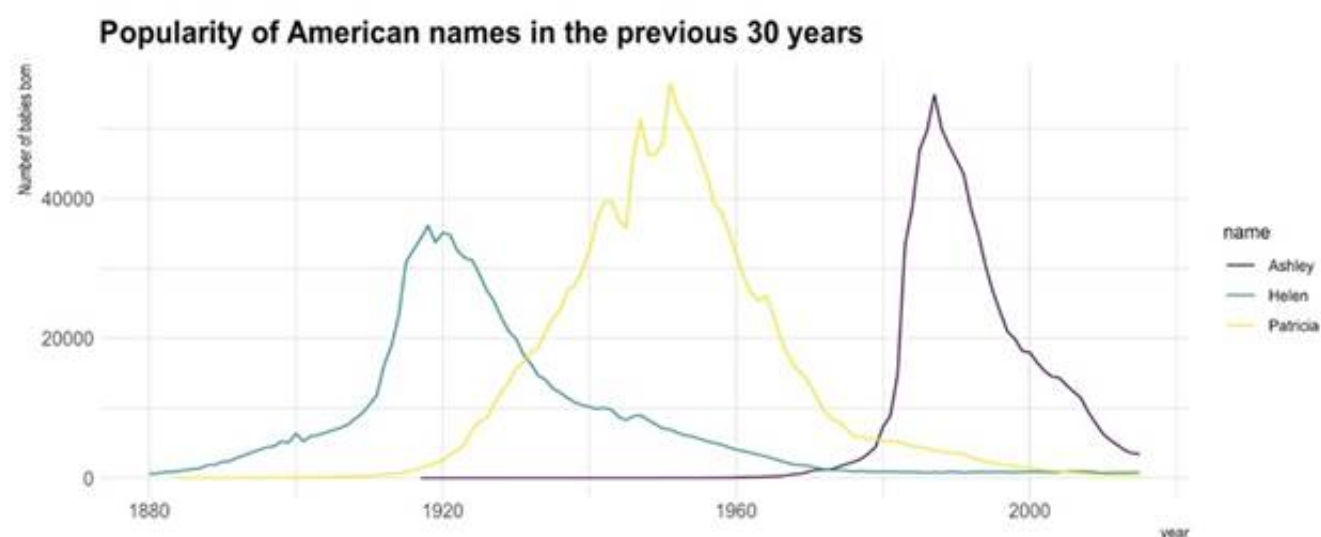
- A. stacked area chart
- B. donut chart
- C. line chart
- D. waterfall chart

Answer: C

Explanation:

A line chart or line graph displays the evolution of one or several numeric variables. Data points are connected by straight line segments. A line chart is often used to visualize a trend in data over intervals of time – a time series – thus the line is often drawn chronologically.

Example:



Reference:

<https://www.data-to-viz.com/graph/line.html>

#### NEW QUESTION 344

HOTSPOT - (Topic 4)

You are creating reports in Power BI Desktop. The model has the following tables.



Table name	Column name	Data type
Order	Order_date	Datetime
	Order_amount	Float
	Customer_ID	Integer
Customer	Customer_ID	Integer
	Full_name	Varchar(100)
	Customer_Photo	Binary

There is a relationship between the tables.

You plan to publish a report to the Power BI service that displays Order\_amount by Order\_date by Full\_name.

You need to ensure that only the columns required for the report appear in Report View. The solution must minimize the size of the dataset that is published.

How should you configure the columns in Power BI Desktop? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Customer\_ID: ▼

- From Query Editor, select the column and click Remove Columns.
- From Query Editor, select the column and click Remove Duplicates.
- From Query Editor, select the column and click Remove Other Columns.
- From the model, select the column and click Hide.

Customer\_Photo: ▼

- From Query Editor, select the column and click Remove.
- From Query Editor, select the column and click Remove Duplicates.
- From Query Editor, select the column and click Remove Other Columns.
- From the model, select the column and click Hide.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Customer\_ID: ▼

- From Query Editor, select the column and click Remove Columns.
- From Query Editor, select the column and click Remove Duplicates.
- From Query Editor, select the column and click Remove Other Columns.
- From the model, select the column and click Hide.

Customer\_Photo: ▼

- From Query Editor, select the column and click Remove.
- From Query Editor, select the column and click Remove Duplicates.
- From Query Editor, select the column and click Remove Other Columns.
- From the model, select the column and click Hide.

#### NEW QUESTION 346

- (Topic 4)

You import two Microsoft Excel tables named Customer and Address into Power Query Customer contains the following columns:

- Customer ID
- Customer Name
- Phone
- Email Address
- Address ID

Address contains the following columns:

- Address ID
- Address Line 1
- Address Line 2
- City
- State/Region
- Country
- Postal Code

Each Customer ID represents a unique customer in the Customer table. Each Address ID represents a unique address in the Address table. You need to create a query that has one row per customer. Each row must contain City, State/Region, and Country for each customer. What should you do?

- A. Append the Customer and Address tables.
- B. Transpose the Customer and Address tables.
- C. Group the Customer and Address tables by the Address ID column.
- D. Merge the Customer and Address tables.

Answer: D

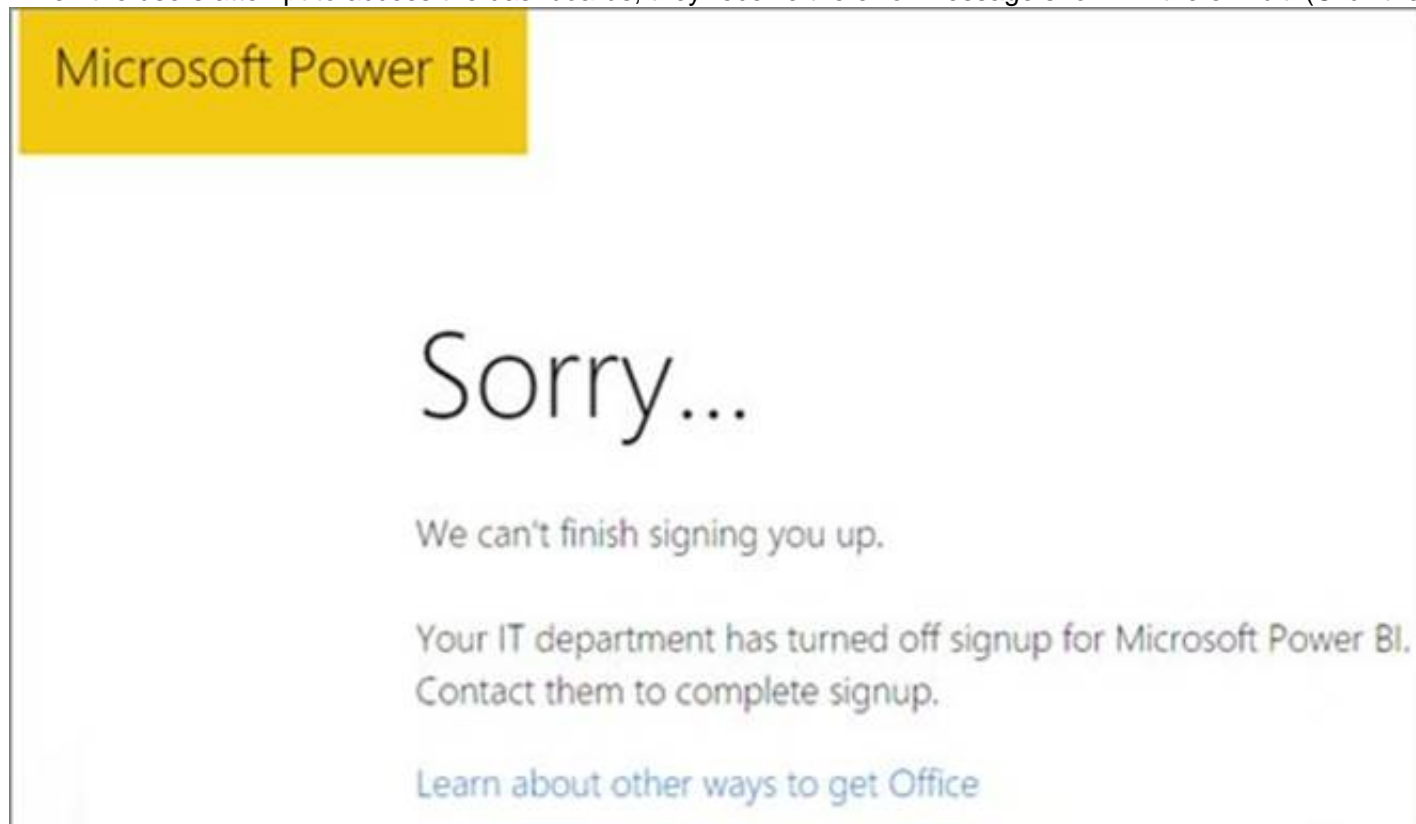
#### NEW QUESTION 347

- (Topic 4)

Your organization has a team of power users who recently created 20 Power BI dashboards.

The power users share the dashboards with other users in the organization.

When the users attempt to access the dashboards, they receive the error message shown in the exhibit. (Click the Exhibit.)



You need to ensure that all the users can access the dashboards. What should you do first?

- A. From the Microsoft Office 365 Admin center, and the Power BI (free) subscription, and then assign a license to each user.
- B. From the Power BI Admin portal, modify the Privacy Settings.
- C. From the properties of each dashboard, modify the Share dashboard settings.
- D. Instruct each user to install Microsoft Office 2016.

**Answer:** A

#### Explanation:

References: <http://www.nubo.eu/en/blog/2016/12/Enable-PowerBI-On-Office-365/>

#### NEW QUESTION 348

- (Topic 4)

You have a report that includes a card visualization.

You need to apply the following conditional formatting to the card while minimizing design effort.

For values that are greater than or equal to 100, the font of the data label must be dark red.

For values that are less than 100, the font of the data label must be dark gray. Which type of format should you use?

- A. Color scale
- B. Rules
- C. Field value

**Answer:** B

#### NEW QUESTION 353

- (Topic 4)

You are building a Power BI report.

Users will view the report by using their mobile device.

You need to configure the report to display data based on each user's location.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. For the relevant columns, set synonyms to match common geographical terms.
- B. From Power Query Editor, detect the data types of the relevant columns.
- C. Use the columns of the geography data type in all visuals.
- D. Create a hierarchy for columns of the geography data type.
- E. In Data Category, set the geographic data category for the relevant columns.

**Answer:** CE

#### NEW QUESTION 357

HOTSPOT - (Topic 4)

You have the Power BI data model shown in the following exhibit.



You need to create a measure to count the number of product categories that had products sold during a selected period. How should you complete the DAX expression? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

Product Categories Sold =

CALCULATE (

DISTINCTCOUNT('Product'[ProductCategory]),

DISTINCTCOUNT('Product'[ProductCategory]),

COUNT('Product'[ProductCategory]),

DISTINCTCOUNT('Sales'[ProductID]),

SUM('Sales'[SalesQuantity]),

)

'Date'

'Sales'

'Product'

'Product'[ProductCategory]

'Date'

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**

Product Categories Sold =

CALCULATE (

DISTINCTCOUNT('Product'[ProductCategory]),

DISTINCTCOUNT('Product'[ProductCategory]),

COUNT('Product'[ProductCategory]),

DISTINCTCOUNT('Sales'[ProductID]),

SUM('Sales'[SalesQuantity]),

)

'Date'

'Sales'

'Product'

'Product'[ProductCategory]

'Date'

**NEW QUESTION 359**

- (Topic 4)

You use an R visual to produce a map of 500,000 customers. You include the values of CustomerID, Latitude, and Longitude in the fields sent to the visual. Each customer ID is unique.

In powerbi.com, when users load the visual, they only see some of the customers. What is the cause of the issue?

- A. The visual was built by using a different version of R.
- B. The data comes from a Microsoft SQL Server source.
- C. The data is deduplicated.
- D. Too many records were sent to the visual.

**Answer: D**

**Explanation:**

R visuals in the Power BI service have a few limitations including:

? Data size limitations – data used by the R visual for plotting is limited to 150,000 rows. If more than 150,000 rows are selected, only the top 150,000 rows are used and a message is displayed on the image. Additionally, the input data has a limit of 250 MB.

Reference:

https://docs.microsoft.com/en-us/power-bi/visuals/service-r-visuals

**NEW QUESTION 362**

- (Topic 4)

You have a Power BI report named ReportA.

You have a Power BI tenant that allows users to export data.

You need to ensure that consumers of ReportA cannot export any data from visuals.

Which two actions should you perform? Each correct answer presents a complete solution. NOTE Each correct selection is worth one point.

- A. From Power BI Desktop, modify the Data Load settings
- B. From the answer B1 service modify the Report settings.
- C. From Power BI Desktop modify the Report settings
- D. From the Power BI service, modify the dataset permissions.

**Answer: BD**



#### NEW QUESTION 365

- (Topic 4)

You have the following three versions of an Azure SQL database:

? Test

? Production

? Development

You have a dataset that uses the development database as a data source.

You need to configure the dataset so that you can easily change the data source between the development, test, and production database servers from powerbi.com.

Which should you do?

- A. Create a JSON file that contains the database server name
- B. Import the JSON file to the dataset.
- C. Create a parameter and update the queries to use the parameter.
- D. Create a query for each database server and hide the development tables.
- E. Set the data source privacy level to Organizational and use the ReplaceValue Power Query M function.

**Answer: B**

#### Explanation:

<https://docs.microsoft.com/en-us/learn/modules/create-manage-workspaces-power-bi/4-development-lifecycle-strategy>

#### NEW QUESTION 367

- (Topic 4)

Your company plans to completely separate development and production assets such as datasets, reports, and dashboards in Microsoft Power BI.

You need to recommend an application lifecycle strategy. The solution must minimize maintenance to update access and prevent end users from viewing the development assets.

What should you recommend?

- A. Create production reports in a separate workspace that uses a shared dataset from the development workspac
- B. Grant the end users access to the production workspace.
- C. In the same workspace, create separate copies of the assets and append DEV to the names of the copied asset
- D. Grant the end users access to the workspace.
- E. Create separate workspaces for development and productio
- F. Grant the end users access to the production workspace.
- G. Create one workspace for developmen
- H. From the workspace, publish an app for production.

**Answer: C**

#### NEW QUESTION 369

- (Topic 4)

You have a report that contains four pages. Each page contains slicers for the same four fields. Users report that when they select values on a slicer on one page, the visuals are not updated on all the pages. You need to recommend a solution to ensure that users can select a value once to filter the results on all the pages.

What are two possible recommendations to achieve this goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Sync the slicers across the pages.
- B. Replace the slicers with page-level filters.
- C. Replace the slicers with visual-level filters.
- D. Create a bookmark for each slicer value.
- E. Replace the slicers with report-level filters.

**Answer: AE**

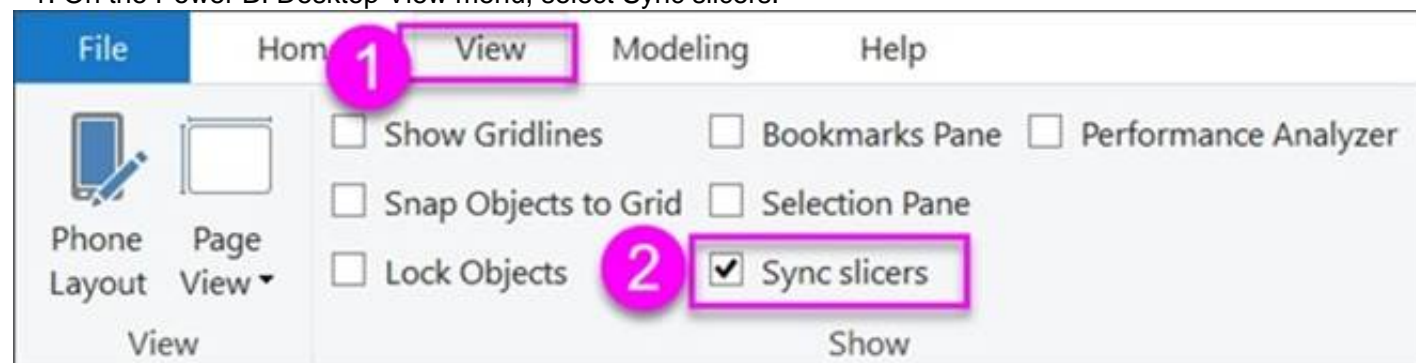
#### Explanation:

Add a report-level filter to filter an entire report.

The visuals on the active page, and on all pages in the report, change to reflect the new filter.

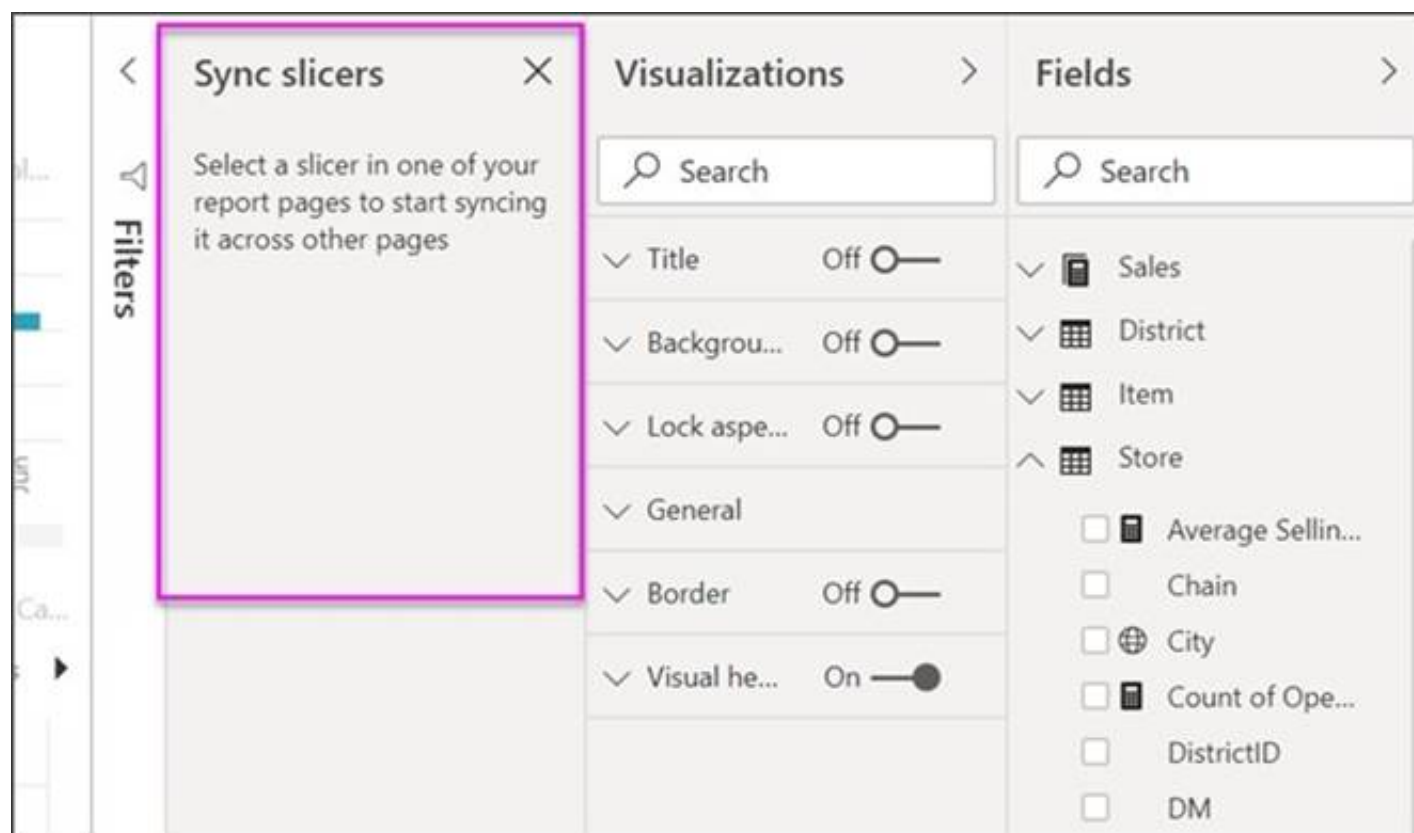
You can sync a slicer and use it on any or all pages in a report.

\* 1. On the Power BI Desktop View menu, select Sync slicers.



The Sync slicers pane appears between the Filters and Visualizations panes.





Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/power-bi-report-add-filter> <https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-slicers>

#### NEW QUESTION 370

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.

During the development process, you need to import a sample of the data from the Order table.

Solution: You add a report-level filter that filters based on the order date.

Does this meet the goal?

A. Yes

B. No

**Answer: B**

#### Explanation:

The filter is applied after the data is imported. Instead add a WHERE clause to the SQL statement.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-gateway-sql-tutorial>

#### NEW QUESTION 374

DRAG DROP - (Topic 4)

You have a Power BI report that contains five bookmarks.

You need to add an object to the report from which users can navigate between three specific bookmarks.

How should you complete the task? To answer, drag the appropriate actions to the correct steps, each action may be used once more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Actions	Answer Area
Add a Bookmark button.	First step: Add a Bookmark navigator button.
Change the Bookmark property for the button.	Second step: <input type="text"/>
Group the other two bookmarks.	Third step: <input type="text"/>
Group the three bookmarks.	

A. Mastered

B. Not Mastered

**Answer: A**

#### Explanation:

Actions

Add a Bookmark button.

Change the Bookmark property for the button.

Group the other two bookmarks.

Group the three bookmarks.

Answer Area

First step: Add a Bookmark navigator button.

Second step: 

Change the Bookmark property for the button.

Third step: 

Group the three bookmarks.

NEW QUESTION 377

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have several reports and dashboards in a workspace.

You need to grant all organizational users read access to a dashboard and several reports. Solution: You assign all the users the Viewer role to the workspace. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

"You have five reports and two dashboards in a workspace. You need to grant all organizational users read access to one dashboard and three reports"

NEW QUESTION 378

.....

## THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual PL-300 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the PL-300 Product From:

<https://www.2passeasy.com/dumps/PL-300/>

## Money Back Guarantee

### PL-300 Practice Exam Features:

- \* PL-300 Questions and Answers Updated Frequently
- \* PL-300 Practice Questions Verified by Expert Senior Certified Staff
- \* PL-300 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* PL-300 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year