



Microsoft

Exam Questions PL-300

Microsoft Power BI Data Analyst

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NEW QUESTION 1

- (Topic 1)

You need to create a relationship between the Weekly_Returns table and the Date table to meet the reporting requirements of the regional managers. What should you do?

- A. In the Weekly_Returns table, create a new calculated column named date-id in a format of yyyyymmdd and use the calculated column to create a relationship to the Date table.
- B. Add the Weekly_Returns data to the Sales table by using related DAX functions.
- C. Create a new table based on the Date table where date-id is unique, and then create a many-to-many relationship to Weekly_Return.

Answer: A

Explanation:

Scenario: Region managers require a visual to analyze weekly sales and returns. To relate the two tables we need a common column.

NEW QUESTION 2

- (Topic 1)

You need to get data from the Microsoft SQL Server tables. What should you use to configure the connection?

- A. import that uses a Microsoft account
- B. DirectQuery that uses the end-user's credentials
- C. DirectQuery that uses a database credential
- D. Import that uses a database credential

Answer: B

NEW QUESTION 3

- (Topic 1)

You need to address the data concerns before creating the data model. What should you do in Power Query Editor?

- A. Select Column distribution.
- B. Select the sales_amount column and apply a number filter.
- C. Select Column profile, and then select the sales_amount column.
- D. Transform the sales_amount column to replace negative values with 0.

Answer: C

NEW QUESTION 4

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 5

- (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 6

- (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 7

DRAG DROP - (Topic 2)

Once the profit and loss dataset is created, which four actions should you perform in sequence to ensure that the business unit analysts see the appropriate profit and loss data? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls> <https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-build-permissions>

NEW QUESTION 8

- (Topic 2)

Which DAX expression should you use to get the ending balances in the balance sheet reports?

- A. CALCULATE (SUM(BalanceSheet [BalanceAmount]), DATESQTD('Date'[Date]))
- B. CALCULATE (SUM(BalanceSheet [BalanceAmount]), LASTDATE('Date'[Date]))
- C. FIRSTNONBLANK ('Date' [Date]SUM(BalanceSheet[BalanceAmount]))
- D. CALCULATE (MAX(BalanceSheet[BalanceAmount]), LASTDATE('Date' [Date]))

Answer: A

Explanation:

Scenario: At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.

DATESQTD returns a table that contains a column of the dates for the quarter to date, in the current context.

Reference:

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

NEW QUESTION 9

- (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 10

- (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 10

HOTSPOT - (Topic 3)

You need to create the Top Customers report.

Which type of filter should you use, and at which level should you apply the filter? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Filter type:

Level:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Top N

Scenario: The Top Customers report will show the top 20 customers based on the highest sales amounts in a selected order month or quarter, product category,

and sales region.

Once you drag to SKU to Visual level filter you should get Top N option Note: The two most common filter types: automatic and manual. Then there are more advanced filters.

Box 2: Visual

Once you drag to SKU to Visual level filter you should get Top N option.

NEW QUESTION 15

HOTSPOT - (Topic 3)

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.

Create a relationship between the Sales Employees table and the

one-to-one

one-to-many

many-to-one

many-to-many

Orders table

Suppliers table

Order Details table

Customer Details worksheet

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Description automatically generated Box 1: many-to-one

Each employee in the Sales Employees table is assigned to one sales region. Multiple employees can be assigned to each region.

The Suppliers table has a Region column. Box 2: Suppliers table

NEW QUESTION 19

- (Topic 3)

You need to minimize the size of the dataset. The solution must meet the report requirements What should you do?

- A. Change the OrderID column in the Orders table to the text data type.
- B. Filter out discontinued products while importing the Product table.
- C. Remove the QuantityPerUnit column from the Products table
- D. Group the Categories table by the CategoryID column.

Answer: C

NEW QUESTION 22

- (Topic 4)

You have a Power BI report

You have a table named Dalai that contains 10 million rows. Data is used in the following visuals:

- A card that shows the number of records
- A bar chart that shows total transaction amount by territory
- A scatter plot that shows transaction amount and profit amount on the axes and points colored by territory

You need to modify the scatter plot to make it easier for users to identify meaningful patterns. The solution must not affect the accuracy of the other visuals-What should you do?

- A. Apply a row filter to the Dalai query in Power Query Editor.
- B. Add a trend line to the scatter plot
- C. Enable high-density sampling on the scatter plot
- D. Add a count field of the transaction amount to the size bucket of the scatter plot

Answer: B

NEW QUESTION 26

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:

Cross-filter direction:

- 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 30

- (Topic 4)

You have a report that contains three pages. One of the pages contains a KPI visualization. You need to filter all the visualizations in the report except for the KPI visualization. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Add the same slicer to each page and configure Sync slicers.
- B. Edit the interactions of the KPI visualization.
- C. Configure a page-level filter.
- D. Edit the interactions of the slicer that is on the same page as the KPI visualization.
- E. Configure a report-level filter.

Answer: AD

Explanation:

Slicers are another way of filtering. They narrow the portion of the dataset that is shown in the other report visualizations.

By default, slicers on report pages affect all the other visualizations on that page, including each other. Use visual interactions to exclude some page visualizations from being affected by others.

Reference:

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

NEW QUESTION 33

- (Topic 4)

You have a Power BI model that contains two tables named Population and Date.

The Population table contains two columns named Population Amount and Date Key.

DateKey contains date values that represent the first day of a year and are used to create a many-to

The Power BI model contains two measures that have the following definitions. Total Population = Sum ('Population'[Population Amount])

2023 Population = CALCULATE ([Total Population]"Date'[Year] = 2023) You create a table visual that displays Date[Year] and [2023 Population]. What will the table visual show?

- A. one row per year that contains blank values for every year except 2023
- B. one row per date that contains the population value for the corresponding year repeated in each row
- C. a single row for the year 2023 that contains the related population value
- D. one row per year that contains the same value repeated for each year

Answer: C

NEW QUESTION 35

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

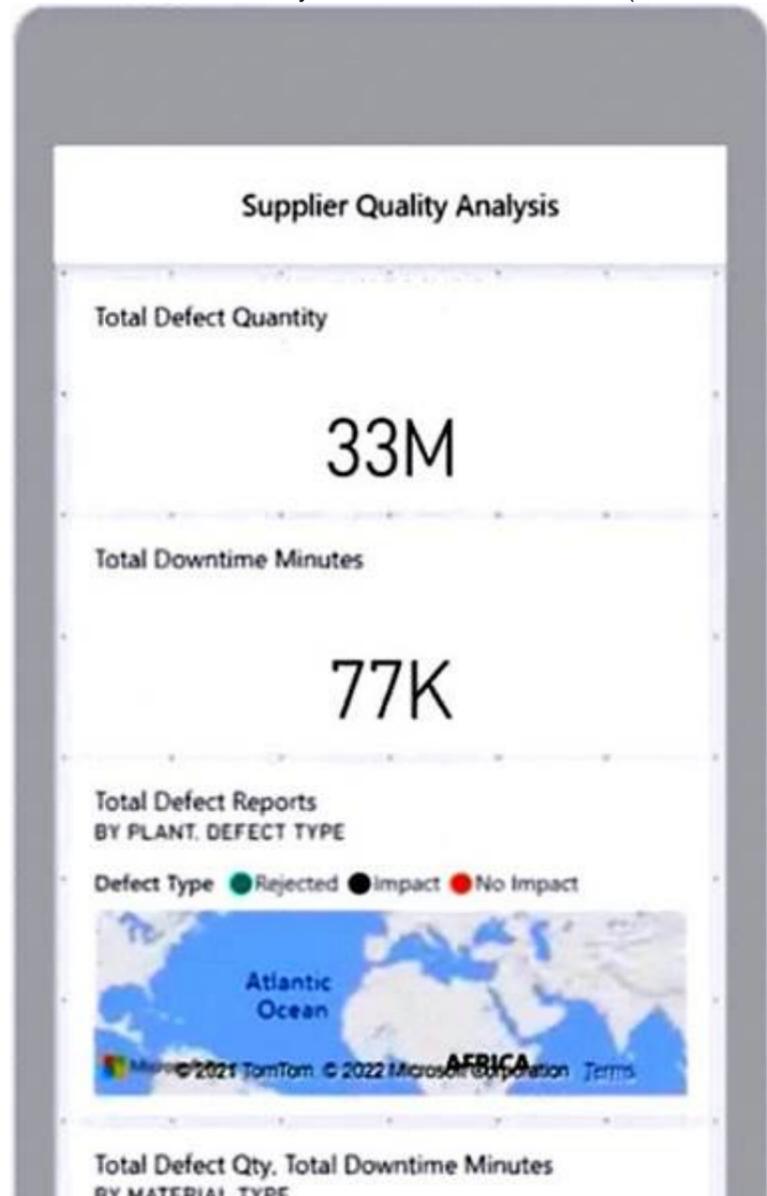


NEW QUESTION 38

- (Topic 4)

You maintain a Power BI workspace that contains a supplier quality dashboard. The dashboard contains 10 card visuals, two map visuals and five bar chart visuals.

The dashboard mobile layout is shown in the exhibit. (Click the Exhibit tab.)



You need to modify the dashboard mobile layout to meet the following requirements:

- Only show single-value visuals.
- Minimize scrolling.

What should you do?

- A. Remove the card visual, increase the size of the map and bar chart visuals
- B. Decrease the size of the map and bar chart visuals Move all the card visuals to the top of the layout.
- C. Move the bar chart visuals to the top of the layout Remove the map visual
- D. Decrease the size of the card visuals.
- E. Decrease the size of the card visual
- F. Remove the map and bar chart visuals.

Answer: D

NEW QUESTION 43

- (Topic 4)

You have more than 100 published datasets.

Ten of the datasets were verified to meet your corporate quality standards.

You need to ensure that the 10 verified datasets appear at the top of the list of published datasets whenever users search for existing datasets. What should you do?

- A. Publish the datasets in an app.
- B. Promote the datasets.
- C. Feature the dataset on the home page.
- D. Certify the datasets.

Answer: D

NEW QUESTION 48

HOTSPOT - (Topic 4)

You are creating an analytics report that will consume data from the tables shown in the following table.

Table name	Column name	Data type
Sales	sales_id	Integer
	sales_date	Datetime
	Customer_id	Integer
	sales_amount	Floating
	employee_id	Integer
	sales_ship_date	Datetime
	store_id	Varchar(100)
Employee	employee_id	Integer
	first_name	Varchar(100)
	last_name	Varchar(100)
	employee_photo	Binary

There is a relationship between the tables.

There are no reporting requirements on employeejd and employee_photo. You need to optimize the data model

What should you configure for employeejd and employee.photo? To answer, select the appropriate options in the answer area.

Answer Area

Employee_id:

Change Type

Delete

Hide

Sort

Employee_photo:

Change Type

Delete

Hide

Sort

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Hide

Optimize data by hiding fields and sorting visualization data

Box 2: Delete

The fastest way to optimize your Power BI report is to limit the number of columns to only the ones you need in your data model. Go through your tables in Power Query and determine what fields are being used. Delete these columns if they are not being used in any of your reports or calculations.

NEW QUESTION 49

DRAG DROP - (Topic 4)

Exhibit:

Year	Month	Sales	Customers
9	Sep	9	552
10	Oct	10	7838
11	Nov	11	83544
12	Dec	12	32455

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	Answer Area
Rename the Attribute column as Year and the Value column as Sales.	1
Select the 2019, 2020, and 2021 columns.	2
Select Transpose .	3
Select the Month and MonthNumber columns.	(
Select Unpivot other columns .	(

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions	Answer Area
Rename the Attribute column as Year and the Value column as Sales.	1
Select the 2019, 2020, and 2021 columns.	2
Select Transpose .	3
Select the Month and MonthNumber columns.	(
Select Unpivot other columns .	(

NEW QUESTION 54

- (Topic 4)

You need to create a visual that compares profit across 10 product categories for a selected quarter.

What is the best visual to use to achieve the goal? More than one answer choice may achieve the goal Select the BEST answer.

- A. an area chart
- B. a clustered bar chart
- C. a line chart
- D. a funnel chart

Answer: B

NEW QUESTION 57

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 62

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 66

- (Topic 4)

You have a BI dataset and a connected report.

You need to ensure that users can analyze data in Microsoft Excel by connecting directly to the dataset.

You grant the users the Build permission for dataset What Should do next?

- A. Change default visual interaction for the report
- B. For the report change the Export data setting to Summarized data, data with current layout and underlying data
- C. For the report, change the Export data setting to None
- D. Certify the dataset used by the report.

Answer: B

NEW QUESTION 71

- (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 72

- (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?

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

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

Answer: C

NEW QUESTION 77

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

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

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 78

- (Topic 4)

Your company has training videos that are published to Microsoft Stream. You need to surface the videos directly in a Microsoft Power BI dashboard. Which type of tile should you add?

- A. video
- B. custom streaming data
- C. text box
- D. web content

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/stream/portal-embed-video> <https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget#add-web-content>

NEW QUESTION 83

- (Topic 4)

You have a Power BI report that uses a dataset based on an Azure Analysis Services live connection.

You need to ensure that users can use Q&A from the Power BI service for the dataset. What should you do?

- A. From the Power BI service, add an enterprise gateway to the dataset.
- B. From Power BI Desktop, add synonyms and suggested questions.
- C. From Power BI Desktop, add a Q&A visual to the report.
- D. From the Power BI service, select Turn on Q&A for this dataset.

Answer: D

NEW QUESTION 88

- (Topic 4)

You have a Microsoft Power BI dashboard.

You need to ensure that consumers of the dashboard can give you feedback that will be visible to the other consumers of the dashboard.

What should you use?

- A. Feedback
- B. Subscribe
- C. Comments
- D. Mark as favorite

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-comment>

NEW QUESTION 90

- (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

NEW QUESTION 93

- (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 gateway.
- C. Import the data by using the Import Data Connectivity mode.
- D. Deploy an on-premises data gateway.
- 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 98

- (Topic 4)

You have a report that contains a bar chart and a column chart. The bar chart shows customer count by customer segment. The column chart shows sales by month.

You need to ensure that when a segment is selected in the bar chart, you see which portion of the total sales for the month belongs to the customer segment.

How should the visual interactions be set on the column chart when the bar chart is selected?

- A. no impact
- B. highlight
- C. filter

Answer: B

Explanation:

HIGHLIGHT as the question required us to "you see which portion of the total sales for the month belongs to the customer segment" -- in order to see WHICH portion, you need to still see the whole visual, highlight is most appropriate. If the requirement stated to ONLY SEE THE PORTION IT RELATES TO then filter would be appropriate.

NEW QUESTION 100

- (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.

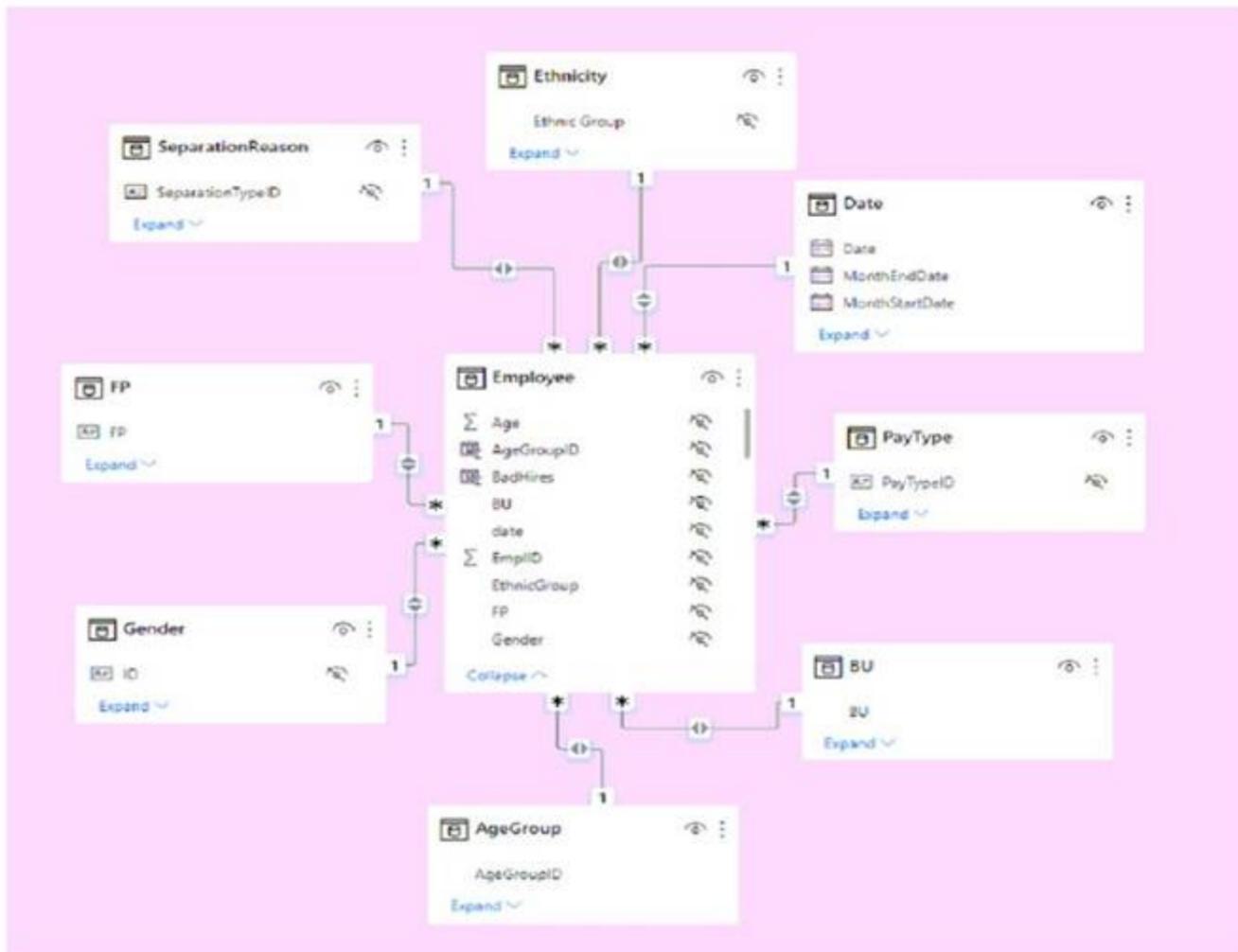
- A. The file is locked
- B. An incorrect privacy level was used for the data source.
- C. The referenced file was moved to a new location
- D. You do not have permissions to the file.

Answer: BD

NEW QUESTION 102

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

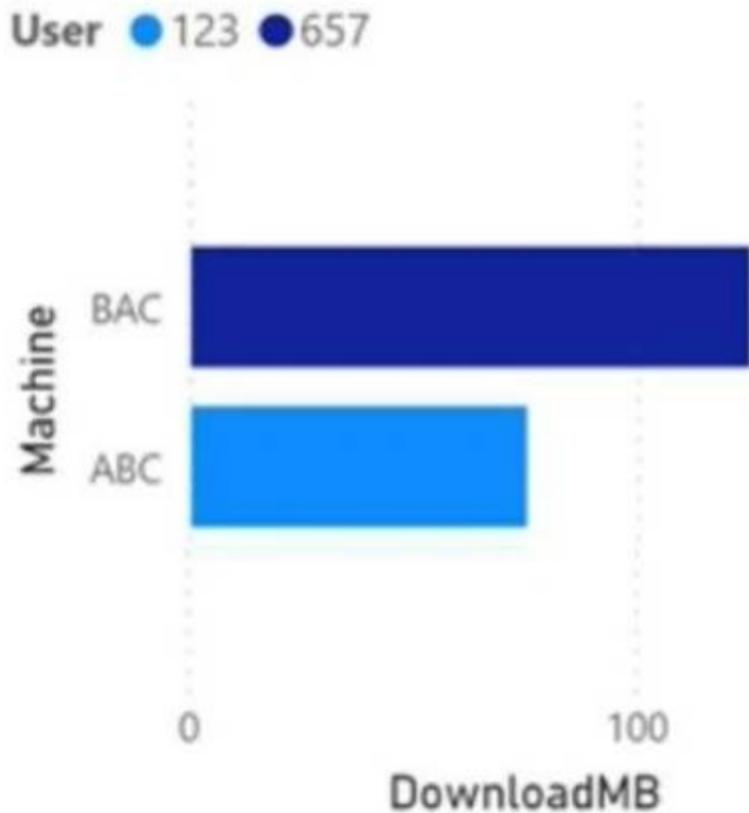
NEW QUESTION 107

- (Topic 4)

You are building a data model for a Power BI report. You have data formatted as shown in the following table.

Machine-User	DownloadMB
ABC-123	75
BAC-657	125

You need to create a clustered bar chart as shown in the following exhibit.



What should you do?

- A. From Power Query Editor, split the Machine-User column by using a delimiter.
- B. In a DAX function, create two calculated columns named Machine and User by using the substitute function.
- C. From Power Query Editor, create a column that contains the last three digits of the Machine-User column.
- D. in a DAX function, create two measures named Machine and User by using the substitute function.

Answer: A

NEW QUESTION 108

- (Topic 4)

You have a custom connector that returns ID, From, To, Subject, Body, and Has Attachments for every email sent during the past year. More than 10 million records are returned.

You build a report analyzing the internal networks of employees based on whom they send emails to.

You need to prevent report recipients from reading the analyzed emails. The solution must minimize the model size.

What should you do?

- A. Implement row-level security (RLS) so that the report recipients can only see results based on the emails they sent.
- B. Remove the Subject and Body columns during the import.
- C. From Model view, set the Subject and Body columns to Hidden.

Answer: B

NEW QUESTION 110

- (Topic 4)

You are developing a sales report that will have multiple pages. Each page will answer a different business question.

You plan to have a menu page that will show all the business questions.

You need to ensure that users can click each business question and be directed to the page where the question is answered. The solution must ensure that the menu page will work when deployed to any workspace.

What should you include on the menu page?

- A. Create a text box for each business question and insert a link.
- B. Create a button for each business question and set the action type to Bookmark.
- C. Create a Power Apps visual that contains a drop-down list.
- D. The drop-down list will contain the business questions.

Answer: B

Explanation:

When you create a bookmark, the following elements are saved with the bookmark: - The current page - Filters - Slicers, including slicer type (for example, dropdown or list) and slicer state - Visual selection state (such as cross-highlight filters) - Sort order - Drill location - Visibility of an object (by using the Selection pane) - The focus or Spotlight modes of any visible object

NEW QUESTION 111

- (Topic 4)

You have a CSV file that contains user complaints. The file contains a column named Logged that 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. Create a column by example that starts with 2018-12-31.
- B. Create a column by example that starts with 2018-12-31 and set the data type of the new column to Date

- C. Apply the parse function from the Date transformations options to the Logged column.
- D. Add a conditional column that outputs 2018 if the Logged column starts with 2018 and set the data type of the new column to Whole Number.

Answer: A

NEW QUESTION 114

- (Topic 4)

You are creating a visual to show the ranking of product categories by sales revenue. Your company's security policy states that you cannot send data outside of your Microsoft Power BI tenant. Which approach provides the widest variety of visuals while adhering to the security policy?

- A. Use default visuals or custom visuals uploaded from a .pbiviz file.
- B. Use only default visuals.
- C. Use default or any custom visuals from the marketplace.
- D. Use default or certified custom visuals.

Answer: C

NEW QUESTION 119

HOTSPOT - (Topic 4)

Your company has affiliates who help the company acquire customers. You build a report for the affiliate managers at the company to assist them in understanding affiliate performance. The managers request a visual showing the total sales value of the latest 50 transactions for each affiliate. You have a data model that contains the following tables.

Table name	Column name
Transactions	TransactionDate
	ItemsOrdered
	Amount
	TransactionID
Affiliate	AffiliateID
	Name

You need to develop a measure to support the visual. 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.

Revenue Last 50 Transactions =

▼ (

CALCULATE
CONCATENATEX
SUM
SUMX
TOPN

	▼	(Transactions[Amount]),					
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>CALCULATE</td></tr> <tr><td>CONCATENATEX</td></tr> <tr><td>SUM</td></tr> <tr><td>SUMX</td></tr> <tr><td>TOPN</td></tr> </table>	CALCULATE	CONCATENATEX	SUM	SUMX	TOPN
CALCULATE							
CONCATENATEX							
SUM							
SUMX							
TOPN							

	▼	(50, Transactions, Transactions				
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>TransactionID]</td></tr> <tr><td>[Amount],</td></tr> <tr><td>[ItemsOrdered],</td></tr> <tr><td>[TransactionDate],</td></tr> </table>	TransactionID]	[Amount],	[ItemsOrdered],	[TransactionDate],
TransactionID]						
[Amount],						
[ItemsOrdered],						
[TransactionDate],						

DESC)

)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: CALCULATE
 Start with CALCULATE and use a SUMX. CALCULATE evaluates an expression in a modified filter context.
 Box 2: SUM
 Box 3: TOPN
 TOPN returns the top N rows of the specified table.
 Box 4: [TransactionDate]
 TOPN Syntax: TOPN(<n_value>, <table>, <orderBy_expression>, [<order>[, <orderBy_expression>, [<order>]]...])
 The orderBy_expression: Any DAX expression where the result value is used to sort the table and it is evaluated for each row of table.

NEW QUESTION 123

- (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 127

- (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 131

- (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:

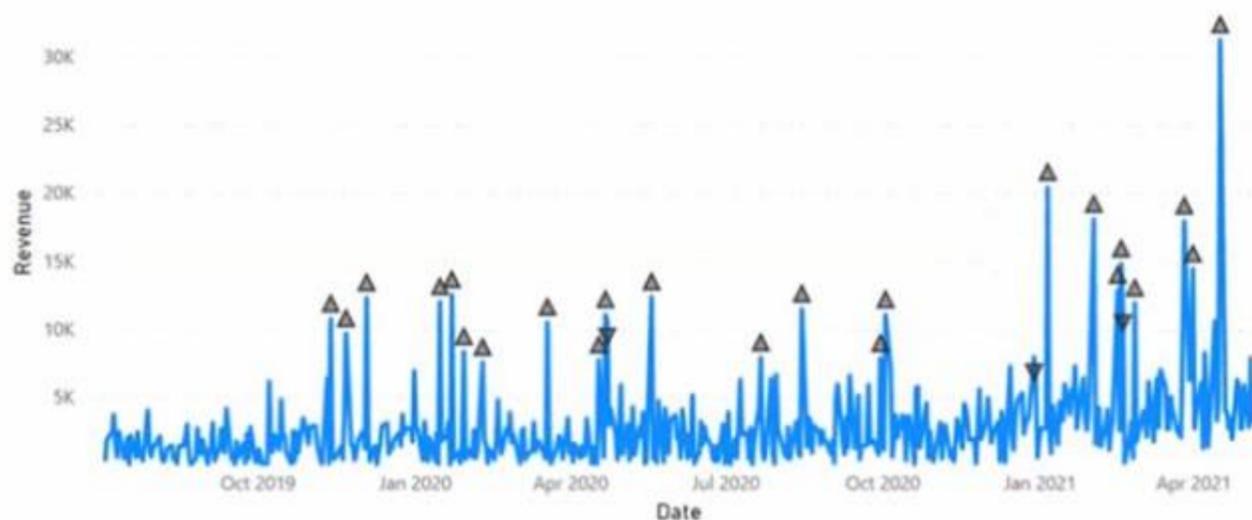
References: <https://docs.microsoft.com/en-us/power-bi/service-q-and-a-direct-query#limitations-during-public-preview>

NEW QUESTION 136

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.

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

NEW QUESTION 140

- (Topic 4)

You have a sales system that contains the tables shown in the following table.

Table name	Column name
Sales	sales_ID
	sales_date
	sales_amount
Date	DateID
	Month
	Week
	Year

The Date table is marked as a date table.

DateID is the date data type. You need to create an annual sales growth percentage measure.

Which DAX expression should you use?

- A. SUM(sales[sales_amount]) - CALCULATE(SUM(sales[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))
- B. (SUM('Sales'[sales_amount]) - CALCULATE(SUM('Sales'[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))) / CALCULATE(SUM('Sales'[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))
- C. CALCULATE(SUM(sales[sales_amount]), DATESYTD('Date'[DateID]))
- D. CALCULATE(SUM(sales[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))

Answer: B

Explanation:

SAMEPERIODLASTYEAR returns a table that contains a column of dates shifted one year back in time from the dates in the specified dates column, in the current context.

Reference:

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

NEW QUESTION 141

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 142

FILL IN THE BLANK - (Topic 4)

You have a Power 31 data model that contains a table named Stores. The table has the following columns:

- * Store Name
- * Open Date
- * Status
- * State
- * City

You need to create a calculated column named Active Store Name that meets the following requirements:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer is as below

Active Store Name = IF ([Status] = "A", [Store Name], "Inactive - " & [Store Name])

NEW QUESTION 145

- (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.

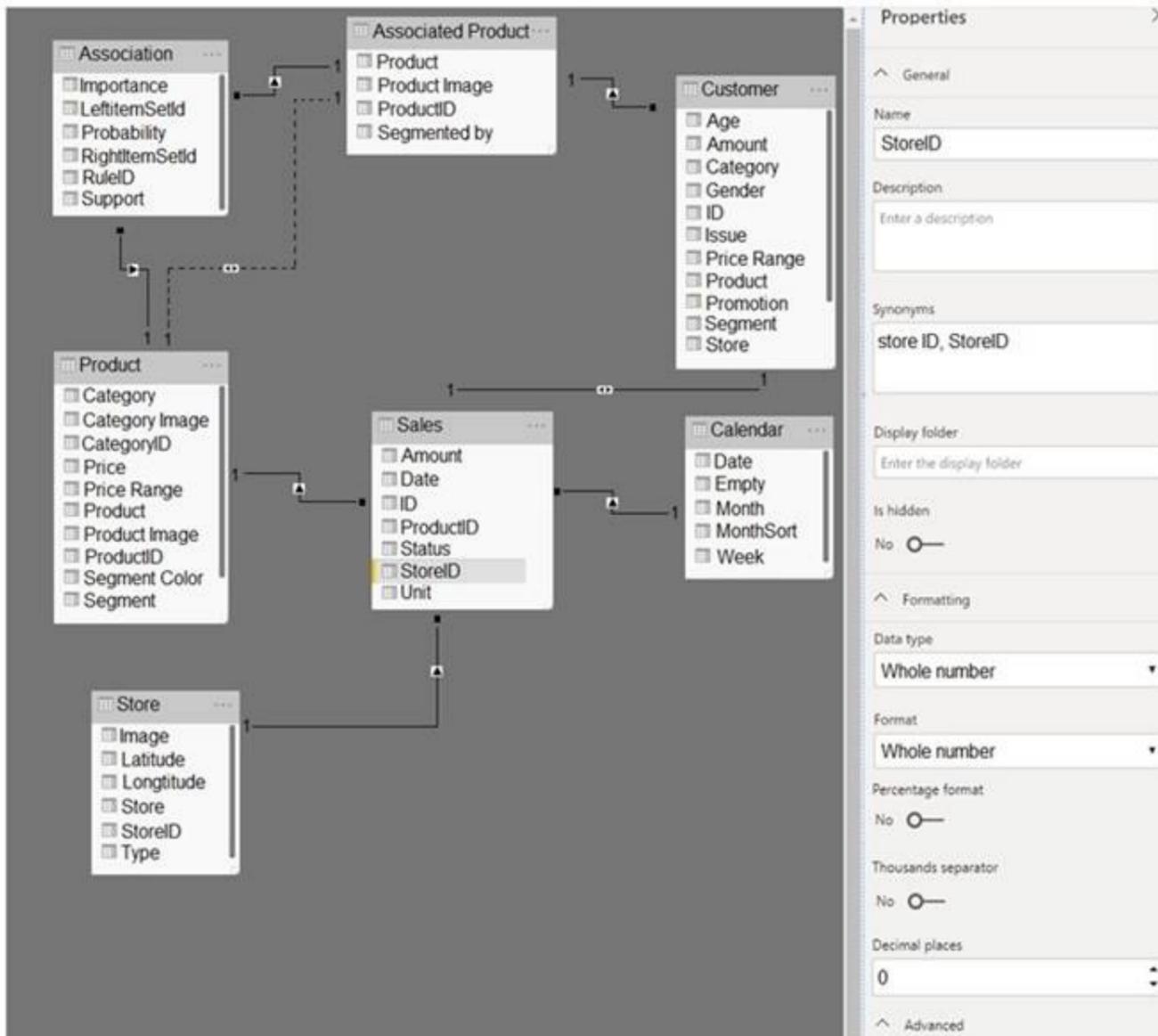
Reference:

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

NEW QUESTION 149

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 151

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

>
<

^
v

- 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

>
<

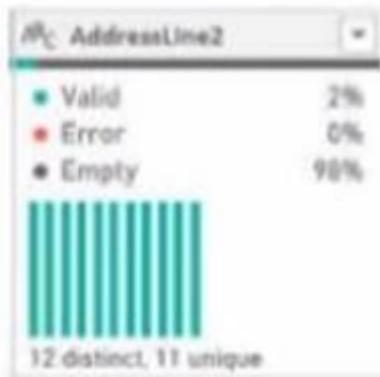
^
v

NEW QUESTION 156

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 159

- (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 161

HOTSPOT - (Topic 4)

You have a Power BI report. You need to create a calculated table to return the 100 highest spending customers. 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.

Top 100 Customers =

100,

[Sales],

(FactTransaction, FactTransaction[Customer ID], "Sales", SUM(FactTransaction[Sale])),

ASC[
DESC(
FILTER(
SUMMARIZE[
TOPN(
ASC
DESC
FILTER
SUMMARIZE
TOPN
ASC
DESC
FILTER
SUMMARIZE
TOPN

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: TOPN

TOPN returns the top N rows of the specified table.

Box 2: SUMMARIZE

SUMMARIZE returns a summary table for the requested totals over a set of groups.

Box 3: DESC

Sort in descending order.

It is last in the TOPN command. TOPN syntax:

TOPN(<n_value>, <table>, <orderBy_expression>, [<order>[, <orderBy_expression>, [<order>]]...])

NEW QUESTION 165

DRAG DROP - (Topic 4)

You are modeling data in table named SalesDetail by using Microsoft Power BI.

You need to provide end users with access to the summary statistics about the SalesDetail data. The users require insights on the completeness of the data and the value distributions.

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
Specify the following query, then close and apply. -Table.Distinct("#SalesDetail")	
Create a visual for the query table.	
Create a parameter that uses a query for the suggested values.	⬅️
Create a query that uses Common Data Service as a data source.	⬅️
Specify the following query, then close and apply. -Table.Profile("#SalesDetail")	⬆️
Create a blank query as a data source.	⬇️

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions	Answer Area
Specify the following query, then close and apply. -Table.Distinct("#SalesDetail")	Create a blank query as a data source.
Create a visual for the query table.	
Create a parameter that uses a query for the suggested values.	Specify the following query, then close and apply. -Table.Profile("#SalesDetail")
Create a query that uses Common Data Service as a data source.	
Specify the following query, then close and apply. -Table.Profile("#SalesDetail")	
Create a blank query as a data source.	Create a visual for the query table.

NEW QUESTION 170

- (Topic 4)

You have a Power BI report. The report contains a line chart that displays sales data for several regions.

You need to add an element to the report that will enable users to filter the sales data to include only a selected region.

Which two elements achieve the goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. a slicer visual
- B. a drillthrough filter
- C. a table visual
- D. a card visual
- E. a Key Performance Indicator (KPI) visual

Answer: AD

NEW QUESTION 173

- (Topic 4)

For the sales department at your company, you publish a Power BI report that imports data from a Microsoft Excel file located in a Microsoft SharePoint folder. The data model contains several measures. You need to create a Power BI report from the existing data. The solution must minimize development effort. Which type of data source should you use?

- A. a SharePoint folder
- B. Power BI dataflows
- C. an Excel workbook
- D. Power BI dataset

Answer: A

Explanation:

The case states there is already a report published and the data model contains measures. Therefore, in order to be able to use the measures in the data model, you should connect to the existing dataset (which was created when you published the report) instead of starting from scratch with the files in the SharePoint folder.

NEW QUESTION 175

- (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 180

- (Topic 4)

In Power BI Desktop, you are creating a report that will contain three pages. You need to create a custom tooltip page and prepare the page for use. Which three actions should you perform? Each correct answer presents part of the solution.

- A. Configure filters on the target visual.
- B. For the target page, set Allow use as tooltip to On.
- C. Add and configure visuals on the tooltip page.
- D. For the tooltip page, set Allow use as tooltip to On.
- E. For the tooltip page, configure filters.

Answer: BCD

Explanation:

You can create a custom tooltip page that shows more details about the selected category, such as this:

To create a custom tooltip page and prepare it for use, you need to perform these three actions:

- ? Add and configure visuals on the tooltip page. You can add any visuals, images, or other items that you want to show on the tooltip page. You can also format them as you like.
- ? For the tooltip page, set Allow use as tooltip to On. This will enable Power BI to recognize this page as a tooltip page. You can also change the Page size to Tooltip to fit your content better.
- ? For the target visual, set Tooltip type to Report page. This will allow you to select which report page you want to use as a custom tooltip for your visual. You can also filter your tooltip by fields from your target visual.

NEW QUESTION 185

- (Topic 4)

You need to create a Power BI theme that will be used in multiple reports. The theme will include corporate branding for font size, color, and bar chart formatting. What should you do?

- A. Create a theme as a PBIVIZ file and import the theme into Power BI Desktop.
- B. Create a theme as a JSON file and import the theme into Power BI Desktop.
- C. From Power BI Desktop, use a built-in report theme.
- D. From Power BI Desktop, customize the current theme.

Answer: D

NEW QUESTION 186

- (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 188

HOTSPOT - (Topic 4)

You have the Azure SQL databases shown in the following table.

Name	Stage	Server URL
db-powerbi-dev	Development	dev.database.windows.net
db-powerbi-uat	Test	uat.database.windows.net
db-powerbi-prod	Production	prod.database.windows.net

You plan to build a single PBIX file to meet the following requirements:

- Data must be consumed from the database that corresponds to each stage of the development lifecycle.
- Power BI deployment pipelines must NOT be used.
- The solution must minimize administrative effort.

What should you do? To answer, select the appropriate options in the answer area.

Answer Area



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 191

- (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 publish an app to the entire organization.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

<https://docs.microsoft.com/es-es/power-bi/collaborate-share/service-create-distribute-apps>

NEW QUESTION 196

- (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 201

- (Topic 4)

You have a Power BI dataset named Finance that is hosted in a Power BI workspace.

The finance team at your company is NOT currently a member of any Power BI workspace roles.

You need to enable the finance team to use Microsoft Excel to analyze the Finance dataset.

What should you do?

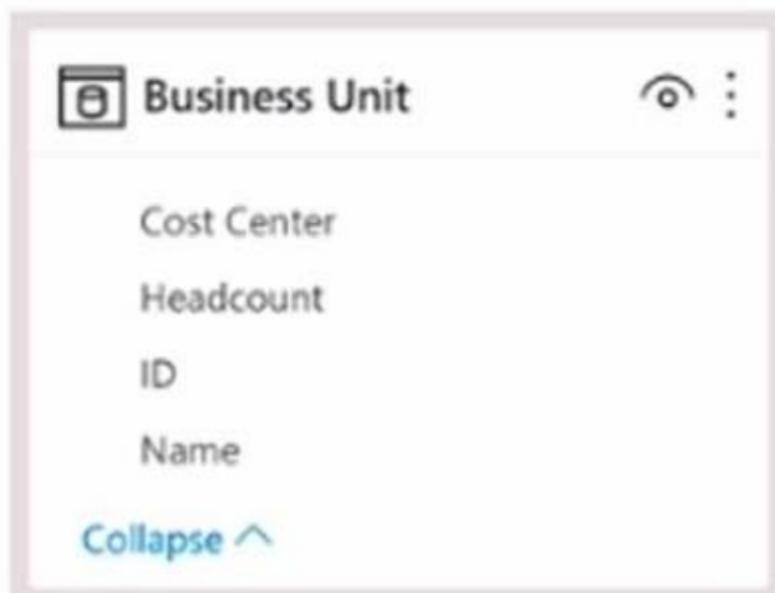
- A. Create a row-level security (RLS) role and add the finance team to the role as members.
- B. Provide an Excel workbook that is connected to the Finance dataset.
- C. Grant the finance team write permissions to the Finance dataset.
- D. Grant the finance team build permissions to the Finance dataset.

Answer: D

NEW QUESTION 204

HOTSPOT - (Topic 4)

You create a Power BI dataset that contains the table shown in the following exhibit.



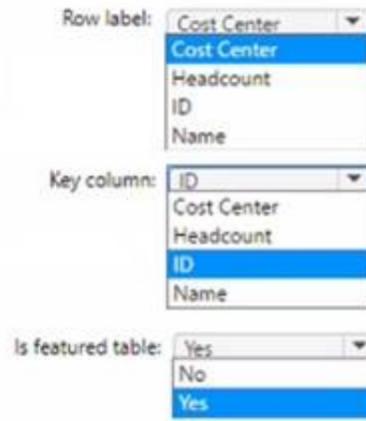
Business Unit	
Cost Center	
Headcount	
ID	
Name	

You need to make the table available as an organizational data type in Microsoft Excel.

How should you configure the properties of the table? To answer select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

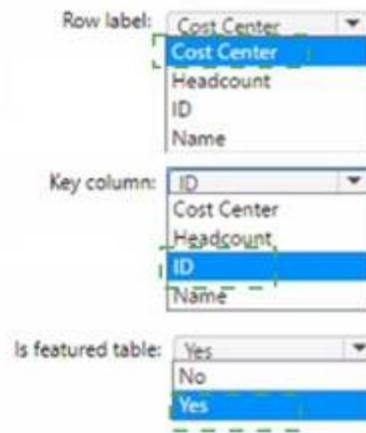
Answer Area



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
 Answer Area



NEW QUESTION 207

- (Topic 4)

You have a PBIX file that imports several tables from an Azure SQL database. The data will be migrated to another Azure SQL database. You need to change the connections in the PBIX file. The solution must minimize administrative effort. What should you do?

- A. From Power Query Editor, modify the source of each query.
- B. Create a PBIT file, open the file, and change the data sources when prompted
- C. From Power Query Editor, create new queries.
- D. Modify the Data source settings.

Answer: D

NEW QUESTION 210

- (Topic 4)

You have a line chart that shows the number of employees in a department over time. You need to see the total salary costs of the employees when you hover over a data point. What is possible way to achieve this goal?

- A. Add a salary to the tooltips.
- B. Add a salary to the visual filters.
- C. Add salary to the drillthrough fields.

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-custom-tooltips> <https://technovids.com/power-bi-filters/>

NEW QUESTION 214

- (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 218

- (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 median line by using the Salary measure. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

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_median.php

NEW QUESTION 221

- (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 222

DRAG DROP - (Topic 4)

You have a folder that contains 100 CSV files.

You need to make the file metadata available as a single dataset by using Power BI. The solution must NOT store the data of the CSV files.

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	Answer Area
From Power Query Editor, remove the Attributes column.	
From Power Query Editor, remove the Content column.	
From Power BI Desktop, select Get Data, and then select Text/CSV.	
From Power BI Desktop, select Get Data , and then select Folder.	
From Power Query Editor, expand the Attributes column.	
From Power Query Editor, combine the Content column.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

From Power BI Desktop, select Get Data, and then select Folder. From Power Query Editor, remove the Content column.

From Power Query Editor, expand the Attributes column.

NEW QUESTION 227

- (Topic 4)

You have a Power BI report. The report contains visualizations that have interactions. You need to identify which visualizations take the longest to complete. What should you use?

- A. SQL Server Profiler
- B. Performance Analyzer in Power BI Desktop
- C. Query Diagnostics in Power BI
- D. Microsoft Edge DevTools

Answer: B

Explanation:

Use Power BI Desktop Performance Analyzer to optimize reports.

In Power BI Desktop you can find out how each of your report elements, such as visuals and DAX formulas, are performing. Using the Performance Analyzer, you can see and record logs that measure how each of your report elements performs when users interact with them, and which aspects of their performance are most (or least) resource intensive.

Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-performance-analyzer>

NEW QUESTION 230

- (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 Monthly_returns table and Date[Date_ID]. What should you do before you create the relationship?

- A. In the Date table, create a new calculated column named MonthJD that uses the yyyydd format.
- B. In the Monthly_returns table, create a new calculated column named DateJD that uses the ddmmyyyy format.
- C. To the Order table, add a calculated column that uses the RELATED(Monthly_returns[Month_ID]) DAX formula.
- D. To the Date table, add a calculated column that uses the RELATED(Monthly_returns[Month_ID]) DAX formula.

Answer: B

Explanation:

References:

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

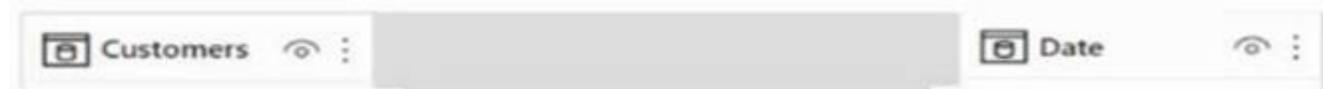
NEW QUESTION 232

HOTSPOT - (Topic 4)

You have a Power BI report named Orders that supports the following analysis:

- Total sales over time
- The count of orders over time
- New and repeat customer counts

The data model size is nearing the limit for a dataset in shared capacity. The model view for the dataset is shown in the following exhibit.



Answer Area

Statements	Yes	No
Summarizing Orders by the CustomerID, OrderID, and OrderDate columns will reduce the model size while still supporting the current analysis.	<input type="radio"/>	<input type="radio"/>
Removing the CustomerID column from Orders will reduce the model size while still supporting the current analysis.	<input type="radio"/>	<input type="radio"/>
Removing the UnitPrice and Discount columns from Orders will reduce the model size while still supporting the current analysis.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Summarizing Orders by the CustomerID, OrderID, and OrderDate columns will reduce the model size while still supporting the current analysis.	<input type="radio"/>	<input checked="" type="radio"/>
Removing the CustomerID column from Orders will reduce the model size while still supporting the current analysis.	<input type="radio"/>	<input checked="" type="radio"/>
Removing the UnitPrice and Discount columns from Orders will reduce the model size while still supporting the current analysis.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 234

DRAG DROP - (Topic 4)

You have a Microsoft Power BI workspace.

You need to grant the user capabilities shown in the following table.

User name	Task
User1	Create and publish apps.
User2	Publish reports to the workspace and delete dashboards.

The solution must use the principle of least privilege.

Which user role should you assign to each user? To answer, drag the appropriate roles to the correct users. Each role 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.

Roles

Admin Contributor Member Viewer

Answer Area

User1:

User2:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

User 1 = Member User 2 = Contributor

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

NEW QUESTION 235

- (Topic 4)

You have a Power BI report that contains five pages. Pages 1 to 4 are visible and page 5 is hidden.

You need to create a solution that will enable users to quickly navigate from the first page to all the other visible pages. The solution must minimize development and maintenance effort as pages are added to the report.

What should you do first?

- A. Add a blank button to page 1.
- B. Add a bookmark navigation button to page 1.
- C. Create a bookmark for each page.
- D. Add a page navigation button to page 1.

Answer: A

NEW QUESTION 236

HOTSPOT - (Topic 4)

The data model must support the following analysis:

? Total sales by product by month in which the order was placed

? Quantities sold by product by day on which the order was placed

? Number Of sales transactions by quarter in Which the order was placed

For each Of the following statements, select Yes if the statement is true. Otherwise, select 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

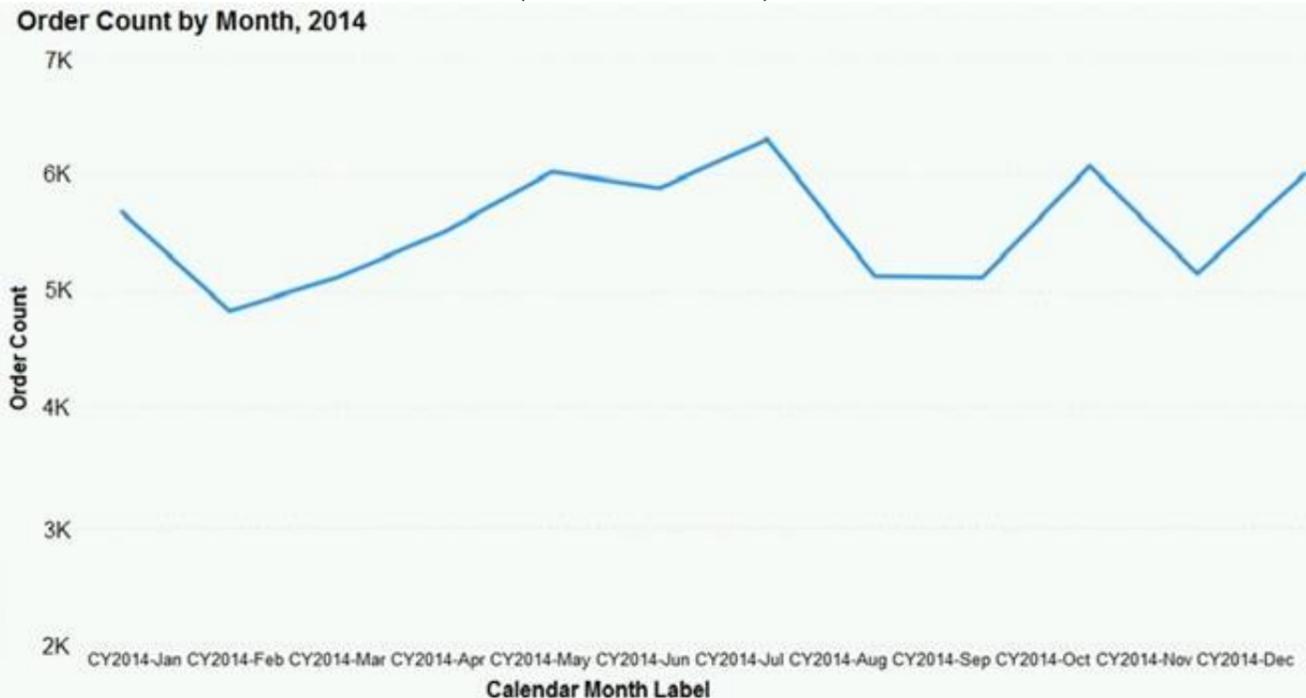
Explanation:

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 239

DRAG DROP - (Topic 4)

You have the line chart shown in the exhibit. (Click the Exhibit tab.)



You need to modify the chart to meet the following requirements:

- ? Identify months that have order counts above the mean.
- ? Display the mean monthly order count.

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
Create a 12-month rolling average quick measure and add the measure to the line chart value.	
From the Analytics pane, add a Median line.	
Select the line chart.	
From the Analytics pane, add an Average line.	
Turn on data labels for the new line.	

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- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- Create a 12-month rolling average quick measure and add the measure to the line chart value.
- From the Analytics pane, add a Median line.
- Select the line chart.
- From the Analytics pane, add an Average line.
- Turn on data labels for the new line.

Answer Area

- Select the line chart.
- From the Analytics pane, add an Average line.
- Turn on data labels for the new line.

NEW QUESTION 243

- (Topic 4)

You have a Power BI report that contains one page. The page contains two line charts and one bar chart. You need to ensure that users can perform the following tasks for all three visuals:

- ? Switch the measures used in the visuals.
- ? Change the visualization type.
- ? Add a legend.

The solution must minimize development effort. What should you do?

- A. Enable personalization for each Visual.
- B. Create a bookmark for each acceptable combination of visualization type, measure, and legend in the bar chart
- C. Edit the interactions between the three visuals.
- D. Enable personalization for the report

Answer: C

NEW QUESTION 248

- (Topic 4)

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

- Employee Name
- Email Address
- Start Date
- Job Title

You are implementing dynamic row-level security (RLS).

You need to create a table filter to meet the following requirements:

- Users must see only their own employee data
- The DAX expression must work in both Power BI Desktop and the Power BI service.

Which expression should you use?

- A. `[Email Address] = USERNAME()`
- B. `[Employee Name] = USERPRINCIPALNAME()`
- C. `[Email Address] = USERPRINCIPALNAME()`
- D. `[Employee Name] = USERNAME()`

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

Answer: B

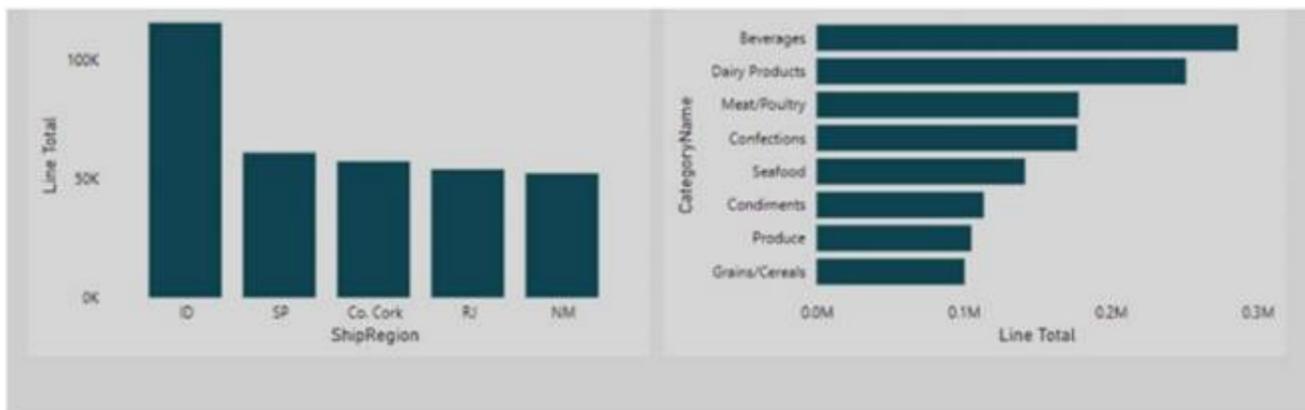
NEW QUESTION 249

- (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 253

- (Topic 4)

You have a project management app that is fully hosted in Microsoft Teams. The app was developed by using Microsoft Power Apps. You need to create a Power BI report that connects to the project management app. Which connector should you select?

- A. Microsoft Teams Personal Analytics
- B. SQL Server database
- C. Dataverse
- D. Dataflows

Answer: C

NEW QUESTION 254

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 spirit bar between panes or scroll to view content

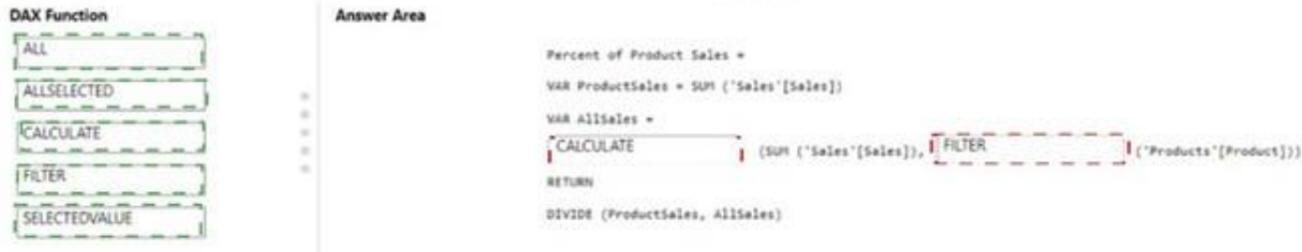
NOTE: Each correct selection is worth one point

DAX Function	Answer Area
ALL	<pre> Percent of Product Sales = VAR ProductSales = SUM ('Sales'[Sales]) VAR AllSales = (SUM ('Sales'[Sales]), [Function] ('Products'[Product])) RETURN DIVIDE (ProductSales, AllSales) </pre>
ALLSELECTED	
CALCULATE	
FILTER	
SELECTEDVALUE	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 257

- (Topic 4)

You are creating a dashboard by using the Power BI service. You have an existing report page that contains three charts. You need to add the charts to the dashboard while maintaining the interactivity between the charts. What should you do?

- A. Pin each chart as a tile.
- B. Edit interactions in the report and set all interactions to Filter
- C. Edit the dashboard theme and pin each chart as a file.
- D. Pin the report page as a live tile.

Answer: D

NEW QUESTION 260

- (Topic 4)

You have a prospective customer list that contains 1,500 rows of data. The list contains the following fields:

- ? First name
- ? Last name
- ? Email address
- ? State/Region
- ? Phone number

You import the list into Power Query Editor.

You need to ensure that the list contains records for each State/Region to which you want to target a marketing campaign.

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

- A. Open the Advanced Editor.
- B. Select Column quality.
- C. Enable Column profiling based on entire dataset.
- D. Select Column distribution.
- E. Select Column profile.

Answer: CE

Explanation:

In Power query, the load preview by default is 1000 row. By default, the column quality also only looks at the first 1000 row. You can verify this by the status bar at the bottom of the Power query window. To change the profiling so it analyses the entire column of data, select the profiling status in the status bar. Then select Column profiling based on the entire data set.

<https://theexcelclub.com/data-profiling-views-in-power-query-excel-and-power-bi/>

NEW QUESTION 265

- (Topic 4)

You use Power BI Desktop to load data from a Microsoft SQL Server database. While waiting for the data to load, you receive the following error.

ERROR [08001] timeout expired

You need to resolve the error.

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

- A. Split long running queries into subsets Of columns and use power Query to the queries
- B. Disable query folding on long running queries
- C. Reduce number of rows and columns returned by each query.
- D. Use Power Query to combine long running queries into one query.

Answer: BD

NEW QUESTION 269

- (Topic 4)

You are creating a report in Power BI Desktop.

You load a data extract that includes a free text field named col1.

You need to analyze the frequency distribution of the string lengths in col1. The solution must not affect the size of the model.

What should you do?

- A. In the report, add a DAX calculated column that calculates the length of col1
- B. In the report, add a DAX function that calculates the average length of col1
- C. From Power Query Editor, add a column that calculates the length of col1
- D. From Power Query Editor, change the distribution for the Column profile to group by length for col1

Answer: A

Explanation:

From Power Query.. highlight the column.. from the tab view select Column Profile Option.. in the Value distribution section that appears below, from the 3dots.. you can change to group by text length distribution

NEW QUESTION 272

- (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 create an Azure Active Directory group that contains all the users. You share

each report and dashboard to the group. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Statements and questions are tricky and confusing. When the access is granted for the group (all users) for ALL (each) dashboards and ALL (each) reports in the workspace, then they will have read access to the specific (A, one) Dashboard and several reports, because they are part of all dashboards and reports. There is no statement, that for the other dashboards (except the one) and the other reports (except the several) that access must be prevented. They are also accessible (maybe it is not desired but not stated here).

NEW QUESTION 277

- (Topic 4)

You publish a report to a workspace named Customer Services. The report identifies customers that have potential data quality issues that must be investigated by the customer services department of your company.

You need to ensure that customer service managers can create task lists in Microsoft Excel based on the data.

Which report setting should you configure?

- A. Don't allow end user to save filters on this report.
- B. Change default visual interaction from cross highlighting to cross filtering.
- C. Enable the updated filter pane, and show filters in the visual header for this report.
- D. Allow users to add comments to this report.
- E. Choose the type of data you allow your end users to export.

Answer: E

Explanation:

<https://powerbi.microsoft.com/en-us/blog/announcing-persistent-filters-in-the-service/>

NEW QUESTION 280

- (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 282

- (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 285

DRAG DROP - (Topic 4)

You use Power Query Editor to preview the data shown in the following exhibit

	SKU	price	discount
1	P00001	100	0.08
2	P00002	150	0.03
3	P00003	130	Error
4	P00004	200	0.06
5	P00005	80	Error
6	P00006	350	Error
7	P00007	100	Error
8	P00008	200	0.05
9	P00009	135	Error
10	P00010	90	Error
11	P00011	120	Error

You need to clean and transform the query so that all the rows of data are maintained, and error values in the discount column are replaced with a discount of 0.05. The solution must minimize administrative effort.

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

- For the discount column, change Data Type to **Whole Number**.
- Select the **price** column.
- Select the **discount** column.
- Select **Replace Errors** to replace each error value with 0.05.
- For the discount column, change Data Type to **Decimal Number**.

Answer Area

Navigation arrows: < > < >

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- For the discount column, change Data Type to **Whole Number**.
- Select the **price** column.
- Select the **discount** column.
- Select **Replace Errors** to replace each error value with 0.05.
- For the discount column, change Data Type to **Decimal Number**.

Answer Area

- Select the **discount** column.
- Select **Replace Errors** to replace each error value with 0.05.
- For the discount column, change Data Type to **Decimal Number**.

Navigation arrows: < > < >

NEW QUESTION 289

- (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: For each date foreign key, you add inactive relationships between the sales table and the date table.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

You can reference an inactive relationship with DAX function USERELATIONSHIP(), but using DAX is not mentioned here.

So follow this refactory methodology:

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.

Source: <https://learn.microsoft.com/en-us/power-bi/guidance/relationships-active-inactive>

NEW QUESTION 293

- (Topic 4)

You have a Rawer BI report That imports a dace 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 three dates at the same time.

Solution: From the Fields pane, you rename the date table as Due Date. You use a DAX expression to create Order Date and Delivery Date as calculated tables. You create active relationships between the sales table and each date table.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 298

- (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 300

- (Topic 4)

You have a Power B1 report that contains the visuals shown in the following table.

Type	Horizontal coordinate	Vertical coordinate
Table	300	200
Clustered column chart	700	200
Slicer	20	100

You need to modify the location of each visual. What should you modify for each visual?

- A. the layer order
- B. the padding
- C. the position
- D. the tab order

Answer: C

NEW QUESTION 301

- (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 306

- (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})
```

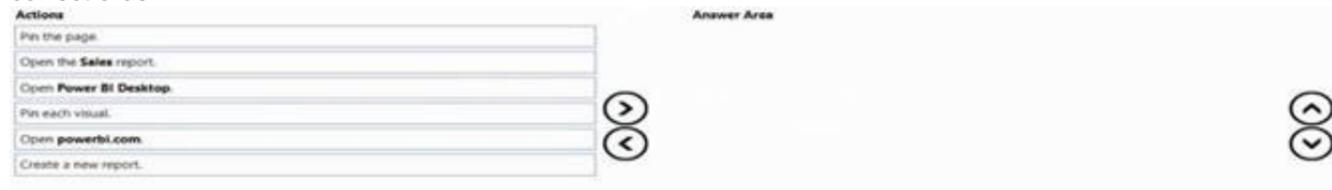
NEW QUESTION 309

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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Open powerbi.com
 Select sales report
 Pin the page

NEW QUESTION 312

- (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 315

HOTSPOT - (Topic 4)

You are building a financial report by using Power BI.

You have a table named financials that contains a column named Date and a column named Sales.

You need to create a measure that calculates the relative change in sales as compared to the previous quarter.

How should you complete the measure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Sales QoQ% =

```

IF (
    ISFILTERED('financials' [Date]),
    ERROR("Uh oh."),
    VAR PREV_QUARTER =
        CALCULATE(
            SUM('financials' [Sales]),
            DATEADD('financials' [Date].[Date], -1, QUARTER)
        )
    )
RETURN
    DIVIDE(
        (SUM('financials' [Sales]) - PREV_QUARTER),
        PREV_QUARTER
    )

```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: CALCULATE

Box 2: DATEADD

Box 3: DIVIDE

Example: NET_SALES QoQ% = IF(ISFILTERED('Calendar'[Date]), ERROR("Time intelligence quick measures can only be grouped or filtered by the Power BI-provided date hierarchy or primary date column."), VAR PREV_QUARTER = CALCULATE(SUM('research_ra_qtr_template'[NET_SALES]), DATEADD('Calendar'[Date].[Date], -1, QUARTER)) RETURN DIVIDE(SUM('research_ra_qtr_template'[NET_SALES]) - PREV_QUARTER, PREV_QUARTER))

NEW QUESTION 318

- (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. comments
- B. tiles
- C. Microsoft Information Protection sensitivity labels
- D. Active Directory groups

Answer: C

Explanation:

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 to datasets, reports, dashboards, and dataflows. Reference: <https://docs.microsoft.com/en-us/power-bi/admin/service-security-sensitivity-label-overview>

NEW QUESTION 320

HOTSPOT - (Topic 4)

You have an API that returns more than 100 columns. The following is a sample of column names.

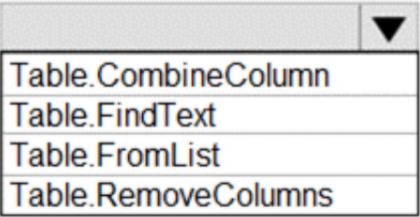
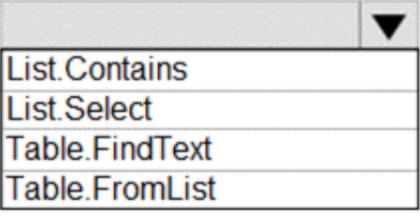
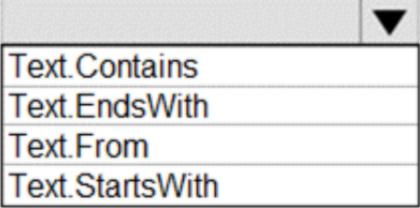
- ? client_notified_timestamp
- ? client_notified_source
- ? client_notified_sourceid
- ? client_notified_value
- ? client_responded_timestamp
- ? client_responded_source
- ? client_responded_sourceid
- ? client_responded_value

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 =  (rawData,
         (Table.ColumnNames (rawData),
            each  (_, "sourceid"))
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 321

- (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 323

- (Topic 4)

In Power BI Desktop, you have a dataset that contains a table.

You create a table visual on a Power BI report page as shown in the following exhibit

Plant Name	Plant Image
Pothos	https://raw.githubusercontent.com/ml
Spider plant	https://raw.githubusercontent.com/ml
philodendron	https://raw.githubusercontent.com/ml
ZZ plant	https://raw.githubusercontent.com/ml

You need to configure the visual to display the referenced image instead of the URL in the Plant Image column. What should you do?

- A. Set the Data category of the Plant Image field to Image URL
- B. Set the Data type of the Plant Image field to Binary.
- C. Set the Data category of the Plant Image field to Web URL.
- D. From the Formatting ta
- E. select Values, and then set URL icons to On for the table.

Answer: A

NEW QUESTION 328

HOTSPOT - (Topic 4)

You are enhancing a Power BI model that has DAX calculations.

You need to create a measure that returns the year-to-date total sales from the same date of the previous calendar year.

Which DAX functions should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

`Sales PYTD =`

`VAR startyear =`

`STARTOFYEAR (PREVIOUSYEAR ('Date' [Date]))`

`VAR enddate =`

`LASTDATE (Sales[Date]) - 365`

`RETURN`

`(Sales[Sales]),`

`CALCULATE (`
`DATESBETWEEN (`
`SAMEPERIODLASTYEAR (`
`SLIM (`

`('Calendar' [Date], startyear, enddate)`

`CALCULATE`
`DATESBETWEEN`
`SAMEPERIODLASTYEAR`
`SLIM`

`)`

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Sales PYTD =

VAR startyear =

STARTOFYEAR (PREVIOUSYEAR ('Date' [Date]))

VAR enddate =

LASTDATE (Sales[Date]) - 365

RETURN

▼ (Sales[Sales]),

CALCULATE (
DATESBETWEEN (
SAMEPERIODLASTYEAR (
SLIM (

▼ ('Calendar' [Date], startyear, enddate)

CALCULATE
DATESBETWEEN
SAMEPERIODLASTYEAR
SLIM

)

NEW QUESTION 329

- (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 334

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:

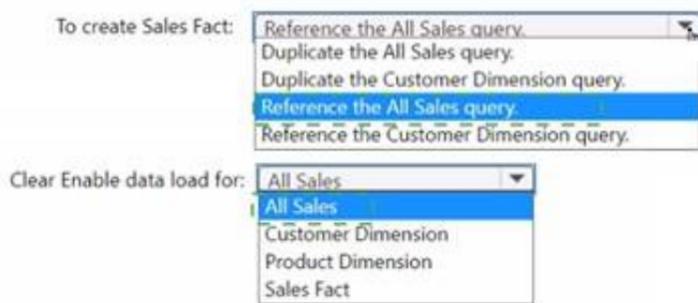
All Sales
All Sales
Customer Dimension
Product Dimension
Sales Fact

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 335

- (Topic 4)

You have a collection of reports for the HR department of your company.

You need to create a visualization for the HR department that shows a historic employee counts and predicts trends during the next six months.

Which type of visualization should you use?

- A. scatter chart
- B. ribbon chart
- C. line chart
- D. key influences

Answer: C

Explanation:

The best data for forecasting is time series data or uniformly increasing whole numbers. The line chart has to have only one line.

Try forecasting: Try the new forecasting capabilities of Power View today on your own data or with the sample report available as part of the Power BI report samples. To view your own data, upload a workbook with a Power View time series line chart to Power BI for Office 365.

Reference:

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

NEW QUESTION 338

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 341

- (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. Create a column by example that starts with 2018-12-31.
- B. Apply a transformation to extract the last 11 characters of the Logged column and set the data type of the new column to Date.
- C. Apply a transformation to extract the first 11 characters of the Logged column.
- D. Split the Logged column by using at as the delimiter.

Answer: C

Explanation:

According to Microsoft Certified: Power BI Data Analyst Associate1, Power Query Editor is a tool that lets you connect to one or many data sources, shape and transform the data to meet your needs, then load that model into Power BI Desktop2.

One of the transformations you can perform in Power Query Editor is extract date from text, which creates a date value from a textual representation3. For example, given a text column like this:

Logged
 2018-12-31 at 08:59
 2019-01-01 at 09:15

You can extract the date part by using the Date.FromText function with a specific format4. The result will be:

Logged Date
 2018-12-31 at 08:59
 2018-12-31
 2019-01-01 at 09:15
 2019-01-01

This makes it possible to use a built-in date hierarchy for analysis.

NEW QUESTION 344

- (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)

You import a large dataset to 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. Show whitespace
- B. Column distribution
- C. Column profile
- D. Column quality
- E. Monospaced

Answer: AD

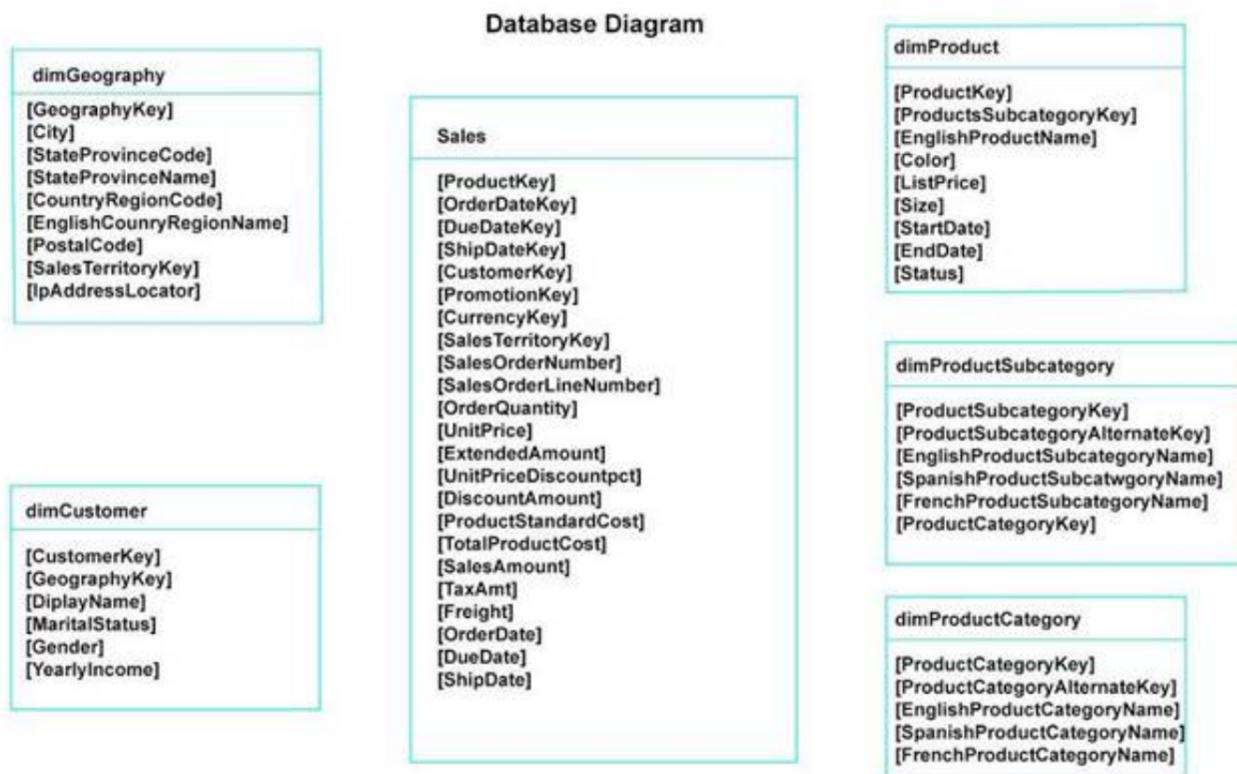
NEW QUESTION 351

DRAG DROP - (Topic 4)

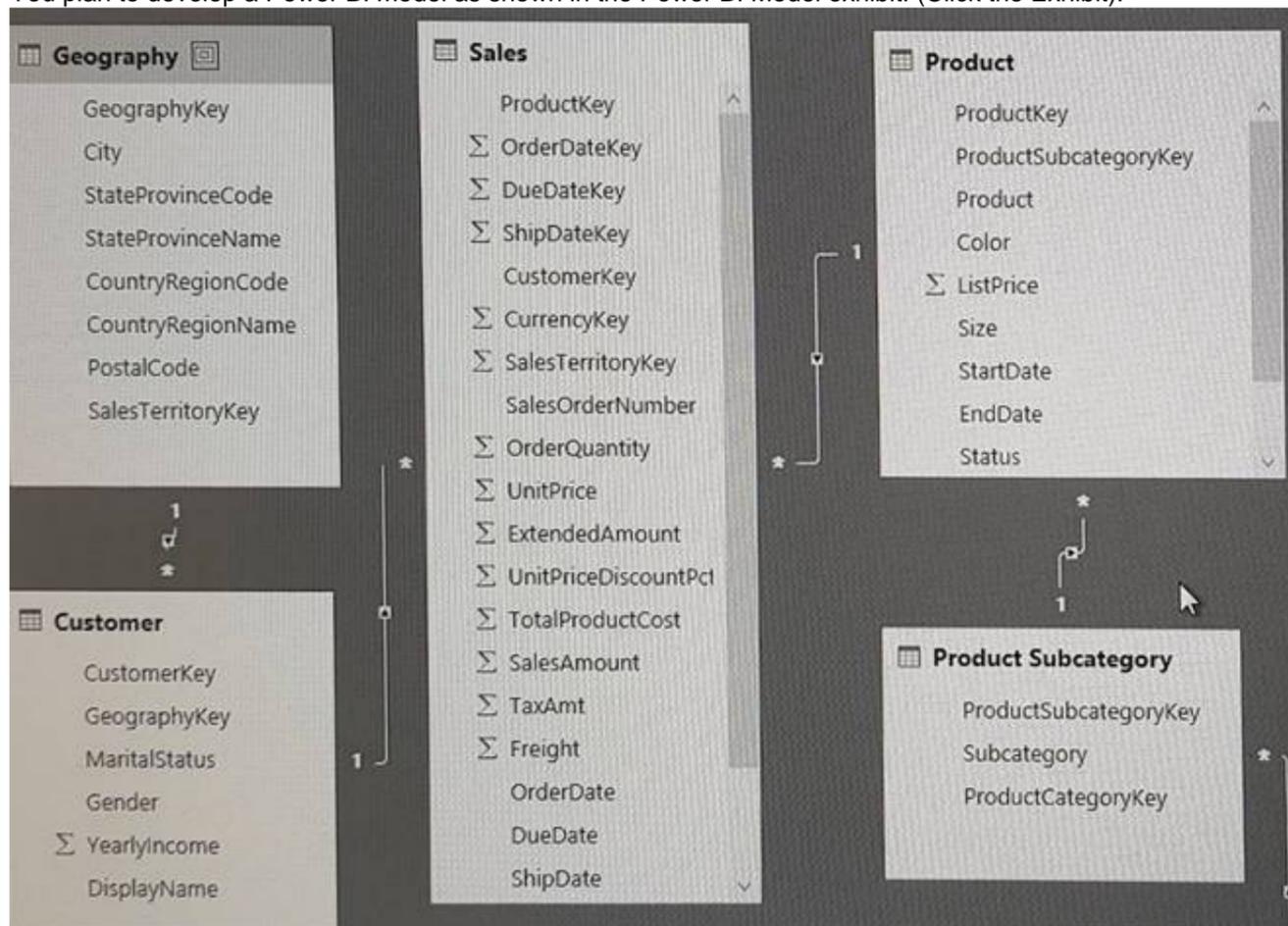
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario

You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)



You plan to develop a Power BI model as shown in the Power BI Model exhibit. (Click the Exhibit).



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory [Subcategory] contains NULL values. End of repeated scenario.

You implement the Power BI model.

You need to edit the Product Category table query to match the desired Power BI model. How should you complete the advanced query? 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 frag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

Values	Answer Area
Table.Combine	<pre> let Source= Sql.Databases ("localhost"), DB1= Source {[Name= "DB1"]} [Data], dbo_DimProductCategory= DB1[{{Schema= "dbo, Item= "DimProductCategory"}}] [Data], # "Var1" = Value (dbo_DimProductCategory, {"ProductCategoryAlternateKey", "SpanishProductCategoryName", "FrenchProductCategoryName"}), # "Var2" = Value (# "Var1", {{ "EnglishProductCategoryName", "Category"}, {"DimProductSubcategory", "Subcategory"}}) in # "Var2" </pre>
Table.RemovedColumns	
Table.RemoveRows	
Table.RenameColumns	
Table.ReorderColumns	
Table.SelectColumns	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

<https://msdn.microsoft.com/en-us/library/mt260776.aspx> <https://msdn.microsoft.com/en-us/library/mt260808.aspx>

NEW QUESTION 354

- (Topic 4)

You build a Power BI report that displays IoT temperature data streaming from a refrigerator. You publish the report to the Power BI service. You need to be notified when the temperature rises above four degrees Celsius. What should you do?

- A. Set an alert on a KPI visual in the report.
- B. Pin a card visual to a dashboard and create a subscription.
- C. Pin a card visual to a dashboard and set an alert on the tile.
- D. Pin a report page to a dashboard and set an alert on the page.

Answer: A

NEW QUESTION 357

- (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 358

- (Topic 4)

You are creating a sales report in Power BI for the NorthWest region sales territory of your company. Data will come from a view in a Microsoft SQL Server database. A sample of the data is shown in the following table:

ID	ProductKey	OrderDate	ShipDate	CustomerKey	SalesTerritoryRegion	SalesOrderNumber	SalesOrderLineNumber	OrderQuantity	UnitPrice	SalesAmount	TaxAmount	Freight
1	310	2010-12-29	2011-01-05	21768	Canada	SO43697	1	1	3578.27	3578.27	286.2016	89.4568
2	346	2010-12-29	2011-01-05	27365	France	SO43698	1	1	3399.99	3399.99	271.9992	84.9998
3	346	2010-12-29	2011-01-05	76537	NorthWest	SO43699	1	1	3399.99	3399.99	271.9992	84.9998
4	336	2010-12-29	2011-01-05	34256	SouthWest	SO43700	1	1	699.0982	699.0982	55.8279	17.4775
5	346	2010-12-29	2011-01-05	34253	Australia	SO43701	1	1	3399.99	3399.99	271.9992	84.9998
6	311	2010-12-30	2011-01-06	12543	SouthWest	SO43702	1	1	3578.27	3578.27	286.2016	89.4568
7	310	2010-12-30	2011-01-06	76545	Australia	SO43703	1	1	3578.27	3578.27	286.2016	89.4568

The report will facilitate the following analysis:

- The count of orders and the sum of total sales by Order Date
- The count of customers who placed an order
- The average quantity per order

You need to reduce data refresh times and report query times.

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

- A. Filter the data to only the NorthWest region sales territory.
- B. Remove the CustomerKey and ProductKey columns.

- C. Remove the TaxAmt and Freight columns.
- D. Set the data type for SalesOrderNumber to Decimal Number

Answer: AC

NEW QUESTION 360

- (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 361

- (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
	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%
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 GUID and IoT ID columns are unique to each row in query.

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

Solution: You split the IoT DateTime column into a column named Date and a column named Time.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 363

- (Topic 4)

You have two Power BI reports named ReportA and ReportB that each uses a distinct color palette.

You are creating a Power BI dashboard that will include two visuals from each report You need to use a consistent dark theme for the dashboard. The solution must preserve the original colors of the reports.

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

- A. Upload a snapshot.
- B. Select the dark dashboard theme.
- C. Turn on tile flow.
- D. When pinning visuals to the dashboard, select Use destination theme.
- E. For the browser, set the color preference to dark mode.

Answer: BD

NEW QUESTION 365

HOTSPOT - (Topic 4)

You have two tables named Customers and Invoice in a Power BI model. The Customers table contains the following fields:

- ? CustomerID

- ? Customer City
- ? Customer State
- ? Customer Name
- ? Customer Address 1
- ? Customer Address 2
- ? Customer Postal Code

The Invoice table contains the following fields:

- ? Order ID
- ? Invoice ID
- ? Invoice Date
- ? Customer ID
- ? Total Amount
- ? Total Item Count

The Customers table is related to the Invoice table through the Customer ID columns. A customer can have many invoices within one month.

The Power BI model must provide the following information:

- ? The number of customers invoiced in each state last month
- ? The average invoice amount per customer in each postal code

You need to define the relationship from the Customers table to the Invoice table. The solution must optimize query performance.

What should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Cardinality: ▼

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

Cross-filter direction: ▼

Both
Single

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: One-to-many

A customer can have many invoices within one month.

Box 2: Single

For One-to-many relationships, the cross filter direction is always from the "one" side, and optionally from the "many" side (bi-directional). For Single cross filter direction means "single direction", and Both means "both directions". A relationship that filters in both directions is commonly described as bi-directional.

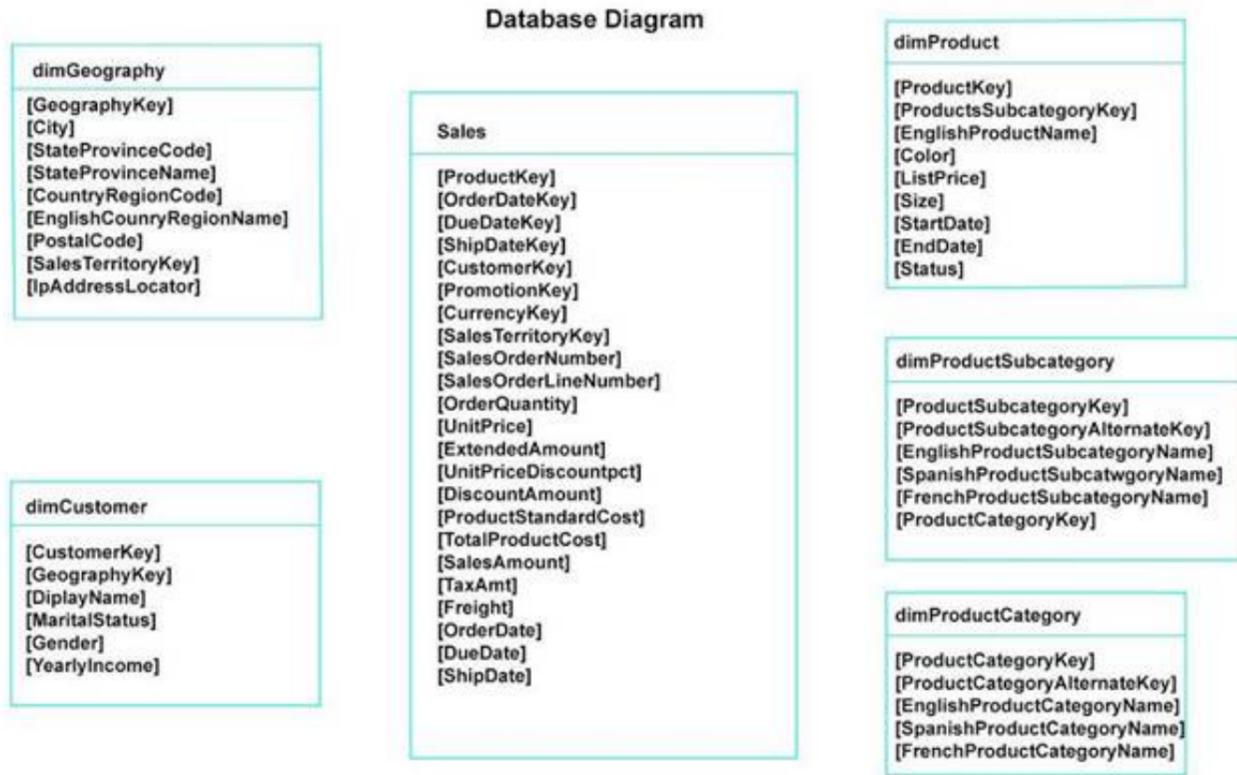
NEW QUESTION 366

- (Topic 4)

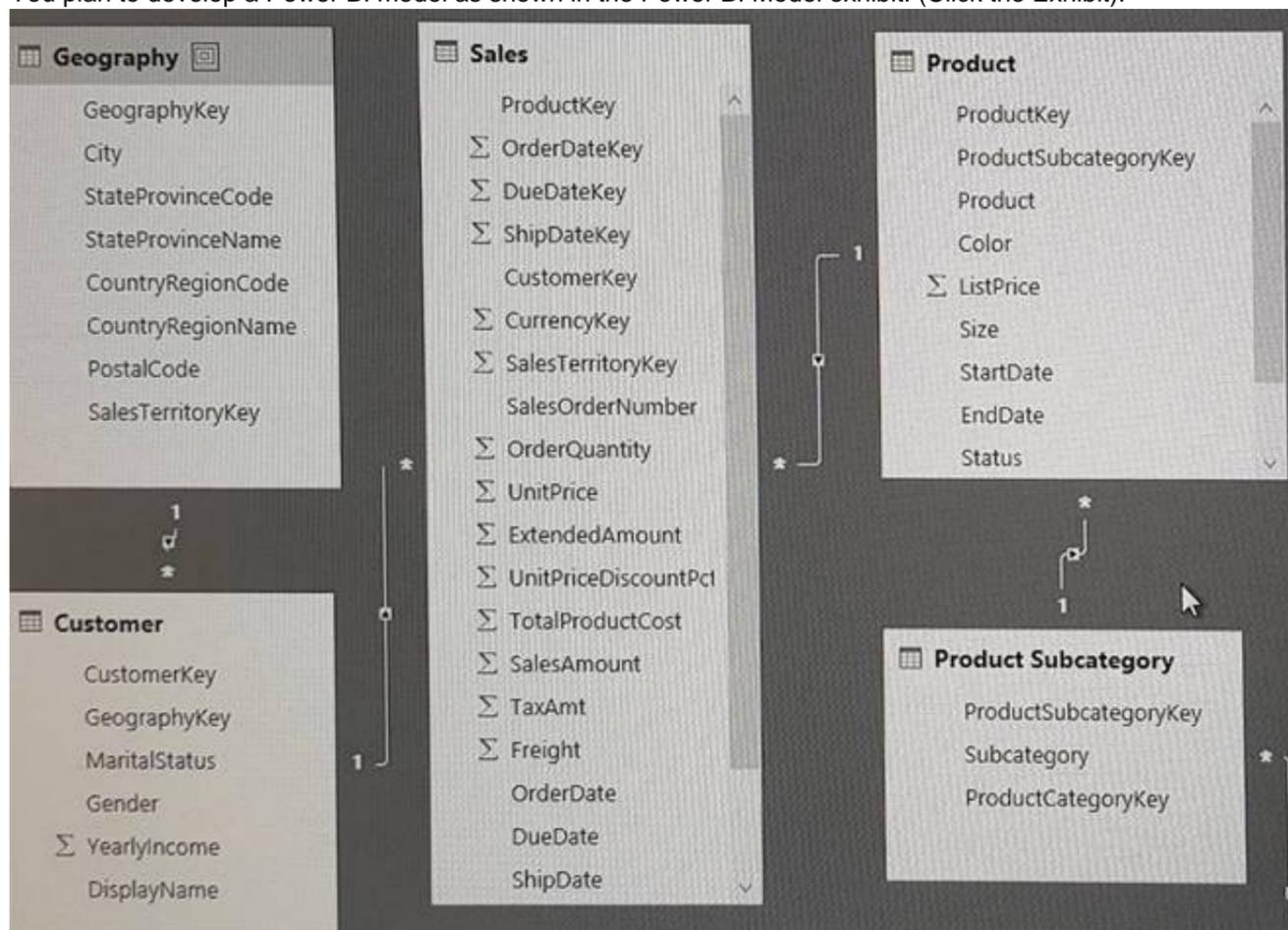
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario

You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)



You plan to develop a Power BI model as shown in the Power BI Model exhibit. (Click the Exhibit).



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory [Subcategory] contains NULL values. End of repeated scenario. You implement the Power BI model.

You add another table named Territory to the model. A sample of the data is shown in the following table.

Territory Key	Territory Name
1	United States
1	USA
2	Canada
2	Can
3	United Kingdom
3	UK

You need to create a relationship between the Territory table and the Sales table. Which function should you use in the query for Territory before you create the relationship?

- A. Table.RemoveMatchingRows
- B. Table.Distinct
- C. Table.InDistinct
- D. Table.ReplaceMatchingRows

Answer: B

Explanation:

References: <https://msdn.microsoft.com/en-us/library/mt260775.aspx>

NEW QUESTION 369

- (Topic 4)

You are building a Power BI report to analyze customer segments.

You need to identify customer segments dynamically based on the Bounce Rate across dimensions such as source, geography, and demographics. The solution must minimize analysis effort.

Which type of visualization should you use?

- A. decomposition tree
- B. funnel chart
- C. Q&A
- D. key influencers

Answer: A

Explanation:

The key influencers visual is a great choice if you want to: See which factors affect the metric being analyzed.

Contrast the relative importance of these factors. For example, do short-term contracts affect churn more than long-term contracts?

Note: The key influencers visual helps you understand the factors that drive a metric you're interested in. It analyzes your data, ranks the factors that matter, and displays them as key influencers. For example, suppose you want to figure out what influences employee turnover, which is also known as churn. One factor might be employment contract length, and another factor might be commute time.

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

NEW QUESTION 370

FILL IN THE BLANK - (Topic 4)

You need to create the Top Customers report.

Which type of filter should you use, and at which level should you apply the filter? 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

Answer Area



Filter type:

Level:

NEW QUESTION 372

DRAG DROP - (Topic 4)

You have a Microsoft Excel workbook that contains two sheets named Sheet1 and Sheet2. Sheet1 contains the following table named Table1.

Products
abc
def
ghi
jkl
mno

Sheet2 contains the following table named Table2.

Products
abc
xyz
tuv
mno
pqr
stu

You need to use Power Query Editor to combine the products from Table1 and Table2 into the following table that has one column containing no duplicate values.

Products
abc
xyz
tuv
mno
pqr
stu
def
ghi
jkl

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
From Power BI Desktop, import the data from Excel, and select Table1 and Table2 .	
From Power Query Editor, select Table1 , and then select Remove duplicates .	
From Power Query Editor, merge Table1 and Table2.	
From Power Query Editor, remove errors from the table.	
From Power Query Editor, append Table2 to Table1.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions	Answer Area
From Power BI Desktop, import the data from Excel, and select Table1 and Table2 .	From Power BI Desktop, import the data from Excel, and select Table1 and Table2 .
From Power Query Editor, select Table1 , and then select Remove duplicates .	From Power Query Editor, append Table2 to Table1.
From Power Query Editor, merge Table1 and Table2.	From Power Query Editor, select Table1 , and then select Remove duplicates .
From Power Query Editor, remove errors from the table.	
From Power Query Editor, append Table2 to Table1.	

NEW QUESTION 375

- (Topic 4)

You have a Power BI workspace that contains a dataset, a report, and a dashboard. The following groups have access:

- External users can access the dashboard.
- Managers can access the dashboard and a manager-specific report.
- Employees can access the dashboard and a row-level security (RLS) constrained report. You need all users, including the external users, to be able to tag workspace administrators

if they identify an issue with the dashboard. The solution must ensure that other users see the issues that were raised.

What should you use?

- A. subscriptions
- B. comments
- C. alerts
- D. chat in Microsoft Teams

Answer: A

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 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 write a DAX expression that uses the FILTER function. 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 378

- (Topic 4)

You plan to use Power BI Desktop optimized for Power BI Report Server to create a report. The report will be published to Power BI Report Server.

You need to ensure that all the visualization in the report can be consumed by users. Which two types of visualizations should you exclude from the report? Each correct answer

presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Funnel charts
- B. Custom visuals
- C. Bubble maps
- D. Breadcrumbs
- E. R visuals

Answer: DE

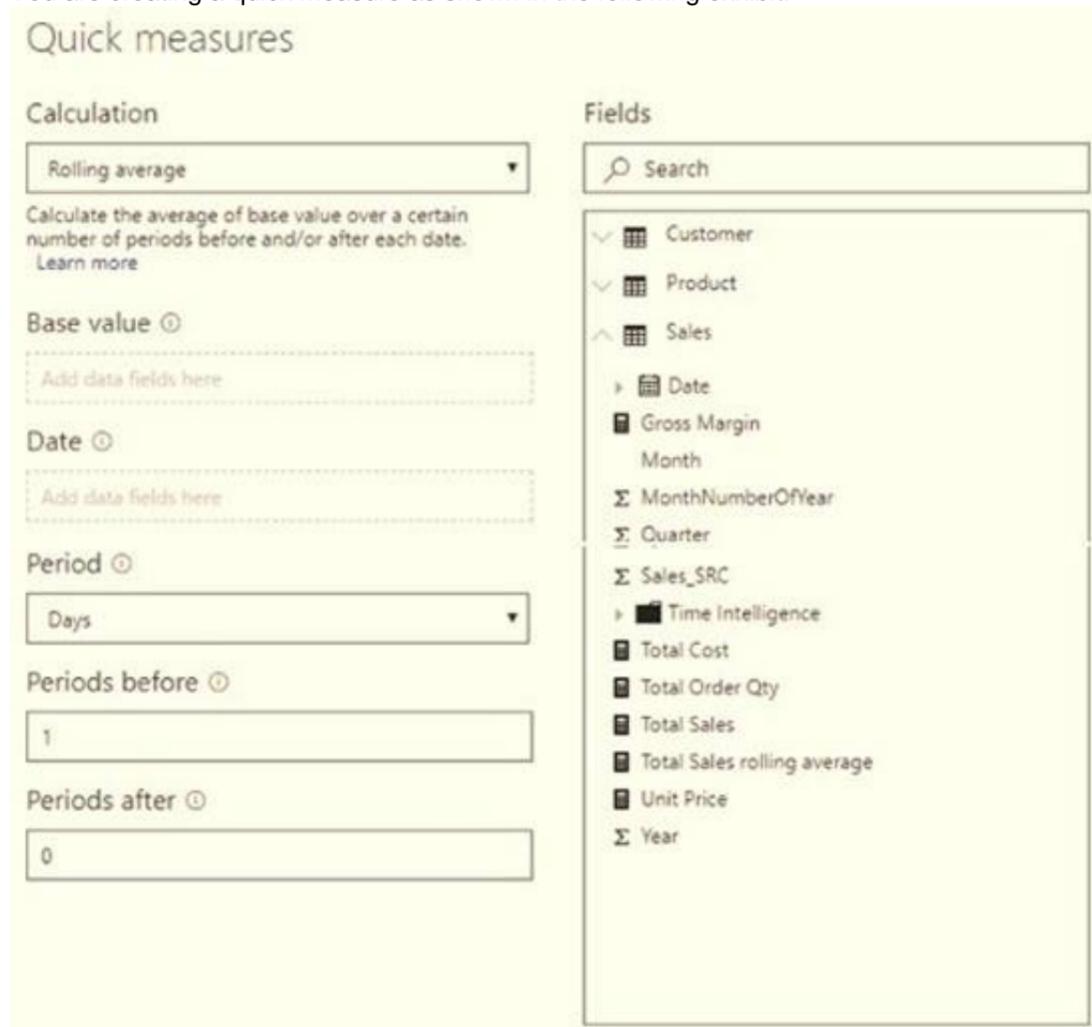
Explanation:

References: <https://powerbi.microsoft.com/en-us/guided-learning/reportserver-quickstart- powerbi-report/>

NEW QUESTION 380

HOTSPOT - (Topic 4)

You are creating a quick measure as shown in the following exhibit.



The screenshot shows the 'Quick measures' pane in Power BI. On the left, under 'Calculation', the dropdown is set to 'Rolling average'. Below it, there is a description: 'Calculate the average of base value over a certain number of periods before and/or after each date. Learn more'. There are three input fields: 'Base value' (empty), 'Date' (empty), and 'Period' (set to 'Days'). Below these are 'Periods before' (set to '1') and 'Periods after' (set to '0'). On the right, the 'Fields' pane shows a search bar and a list of fields: Customer, Product, Sales, Date, Gross Margin, Month, MonthNumberOfYear, Quarter, Sales_SRC, Time Intelligence, Total Cost, Total Order Qty, Total Sales, Total Sales rolling average, Unit Price, and Year.

You need to create a monthly rolling average measure for Sales over time-How should you configure the quick measure calculation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Base value:

Date:

Period:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Total Sales
 We select the field Total Sales
 Box 2: Date Select a date field.
 Box 3: Month Monthly periods.

NEW QUESTION 383

FILL IN THE BLANK - (Topic 4)

You need to create a visualization to meet the reporting requirements of the sales managers. HOW Should create the Visualization? TO answer, select the appropriate options in the answer area.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer is as below:

Indicator:

Trend axis:

Target goals:

NEW QUESTION 388

- (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

Explanation:

The WHERE clause has its effects before the data is imported.

Reference:

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

NEW QUESTION 393

HOTSPOT - (Topic 4)

You are creating a Microsoft Power BI model that has two tables named CityData and Sales. CityData contains only the data shown in the following table.

State (CityData)	City	Population (million)
CA	Los Angeles	4.00
CA	San Francisco	0.90
New York	New York	8.50
WA	Seattle	0.70
WA	Spokane	0.20

Sales contains only the data shown in the following table.

State (Sales)	Type	Sales
CA	Internet	60
CA	Store	80
TX	Store	400
WA	Internet	150
WA	Store	100

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
In the Sales table, you can write a DAX expression that uses the RELATED() function to get data from the CityData table.	<input type="radio"/>	<input type="radio"/>
A DAX expression of sales total =CALCULATE(SUM(Sales[Sales]),ALL(Sales)) will produce the correct total sales value for each state, based on the data model.	<input type="radio"/>	<input type="radio"/>
A table visualization that uses CityData[State] and Sales[Sales] will contain sales from the state of TX.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

The Related function returns a related value from another table.

The RELATED function requires that a relationship exists between the current table and the table with related information. You specify the column that contains the data that you

want, and the function follows an existing many-to-one relationship to fetch the value from the specified column in the related table. If a relationship does not exist, you must create a relationship.

Box 2: Yes

Box 3: No

TX only occurs in the Sales table, but not in the CityData table.

NEW QUESTION 394

HOTSPOT - (Topic 4)

You publish a dataset that contains data from an on-premises Microsoft SQL Server database.

The dataset must be refreshed daily.

You need to ensure that the Power BI service can connect to the database and refresh the dataset.

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

Actions	Answer Area
Add a data source.	
Configure an on-premises data gateway.	
Configure a virtual network data gateway.	
Configure a scheduled refresh.	
Add the dataset owner to the data source.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Configure an on-premises data gateway.

Configure a scheduled refresh.

Add a data source.

Add the dataset owner to the data source.

NEW QUESTION 398

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Relate Links

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