Microsoft

Exam Questions DA-100

Analyzing Data with Microsoft Power BI

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NEW QUESTION 1
- (Exam 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: A

NEW QUESTION 2
- (Exam Topic 1)
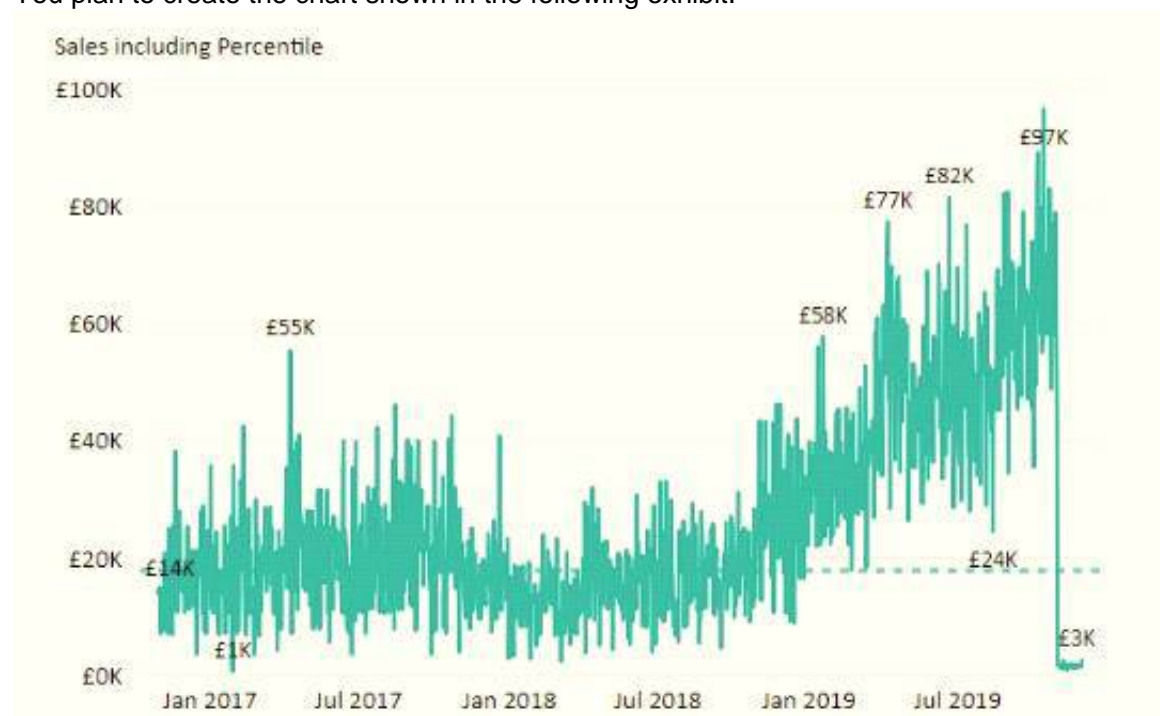What should you create to meet the reporting requirements of the sales department?

A. a calculated column that use a formula of couMTA(Sales[sales_id]>
B. a calculated measure that uses a formula of couNTROws(Sales)
C. a calculated column that uses a formula of suM(Sales[sales_id])
D. a measure that uses a formula of sw-i(Sales[sales_id])

Answer: B

NEW QUESTION 3
- (Exam Topic 3)
You plan to create the chart shown in the following exhibit.

How should you create the dashed horizontal line denoting the 40th percentile of daily sales for the period shown?

A. Create a horizontal line that has a fixed value of 24,000.
B. Add a measure to the visual that uses the following DAX expression.Heasurel - PERCENTUEX.EXC (Sales,Sales[Total Sales],©.40)
C. Add a new percentile line that uses Total Sales as the measure and 40% as the percentile.
D. Add a measure to the visual that uses the following DAX expression.Heasurel = PERCENTILEX.INC (Sales,Sales[Total Sales],6.40)

Answer: D

NEW QUESTION 4
- (Exam Topic 3)
You create a dashboard by using the Microsoft Power BI Service. The dashboard contains a card visual that shows total sales from the current year. You grant users access to the dashboard by using the viewer role on the workspace. A user wants to receive daily notifications of the number shown on the card visual. You need to automate the notifications. What should you do?

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

Answer: A

NEW QUESTION 5
- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.
During the development process, you need to import a sample of the data from the Order table. Solution: You add a report-level filter that filters based on the order date.

Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 6
- (Exam Topic 3)
You have four sales regions. Each region has multiple sales managers.
You implement row-level security (RLS) in a data model. You assign the relevant distribution lists to each role.
You have sales reports that enable analysis by region. The sales managers can view the sales records of their region. The sales managers are prevented from viewing records from other regions.
A sales manager changes to a different region.
You need to ensure that the sales manager can see the correct sales data. What should you do?

A. From Microsoft Power BI Desktop, edit the Row-Level Security setting for the reports.
B. Change the Microsoft Power BI license type of the sales manager.
C. Manage the permissions of the underlying dataset
D. Request that the sales manager be added to the correct Azure Active Directory group.

Answer: A

NEW QUESTION 7
- (Exam Topic 3)
You have a table that contains sales data and approximately 1,000 rows. You need to identify outliers in the table. Which type of visualization should you use?

A. area chart
B. donut chart
C. scatter plot
D. pie chart

Answer: D

NEW QUESTION 8
- (Exam Topic 3)
You are configuring a Microsoft Power BI data model to enable users to ask natural language questions by using Q&A. You have a table named Customer that has the following measure.
Customer Count = DISTINCTCOUNT(Customer[CustomerID]) Users frequently refer to customers as subscribers.
You need to ensure that the users can get a useful result for "subscriber count" by using Q&A. The solution must minimize the size of the model. What should you do?

A. Add a description of "subscriber count" to the Customer Count measure.
B. Set Summarize By to None for the CustomerID column.
C. Add a description of "Subscriber" to the Customer table.
D. Add a synonym of "subscriber" to the Customer table.

Answer: D

NEW QUESTION 9
- (Exam Topic 3)
You need to create a visual as shown in the following exhibit.

MonthName	Total Sales	Sales Last Year	% Growth to Last Year
January	£559,263.79	£144,365.51	74.19%
February	£583,915.29	£215,923.28	63.02%
March	£684,091.92	£211,347.46	69.11%
April	£957,686.49	£350,270.97	63.43%
May	£841,473.26	£310,708.65	63.08%
June	£876,911.71	£298,356.83	65.98%
July	£922,410.09	£346,435.28	62.23%
August	£1,002,219.24	£388,213.68	61.26%
September	£1,152,976.22	£407,595.76	64.65%
October	£1,262,647.67	£465,583.06	63.13%
November	£555,548.44	£555,548.44	0.00%
December	£553,615.45	£553,615.45	0.00%
Total	**£9,952,759.56**	**£4,249,964.36**	**57.30%**

The indicator color for Total Sales will be based on % Growth to Last Year. The solution must use the existing calculations only.
How should you configure the visual? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Conditional formatting:
- Background color
- Data bars
- Font color
- Icons
- Web URL

Format by:
- Color scale
- Field value
- Rules

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Conditional formatting:
- Background color
- Data bars
- Font color
- Icons
- Web URL

Format by:
- Color scale
- Field value
- Rules

NEW QUESTION 10
- (Exam Topic 3)
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: Role

User2: Role

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Roles

| Admin | Contributor | Member | Viewer |

Answer Area

User1: Member

User2: Admin

NEW QUESTION 10
- (Exam Topic 3)
You are creating a quick measure as shown in the following exhibit.

Quick measures

Calculation

Rolling average ▾

Calculate the average of base value over a certain
number of periods before and/or after each date.
Learn more

Base value ⓘ

Date ⓘ

Period ⓘ

Days ▾

Periods before ⓘ

1

Periods after ⓘ

0

Fields

🔍 Search

▦ Customer
▦ Product
▦ Sales
▸ ▦ Date
🔖 Gross Margin
　 Month
Σ MonthNumberOfYear
Σ Quarter
Σ Sales_SRC
▸ ■ Time Intelligence
🔖 Total Cost
🔖 Total Order Qty
🔖 Total Sales
🔖 Total Sales rolling average
🔖 Unit Price
Σ 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:
Month
Total Cost
Total Order Qty
Total Sales
Year

Date:
Date
Month
Total Sales
Year

Period:
Days
Months
Quarters
Years

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Base value:	Month
	Total Cost
	Total Order Qty
	Total Sales
	Year

Date:	Date
	Month
	Total Sales
	Year

Period:	Days
	Months
	Quarters
	Years

NEW QUESTION 11
- (Exam Topic 3)
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 12
- (Exam Topic 3)
You have two Azure SQL databases that contain the same tables and columns.
For each database, you create a query that retrieves data from a table named Customers.
You need to combine the Customer tables into a single table. The solution must minimize the size of the data model and support scheduled refresh in powerbi.com.
What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Option to use to combine the Customer tables:	Append Queries
	Append Queries as New
	Merge Queries
	Merge Queries as New

Action to perform on the original two SQL database queries:	Delete the queries.
	Disable including the query in report refresh.
	Disable loading the query to the data model.
	Duplicate the queries.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Option to use to combine the Customer tables:	Append Queries
	Append Queries as New
	Merge Queries	
	Merge Queries as New

Action to perform on the original two SQL database queries:	Delete the queries.
	Disable including the query in report refresh.
	Disable loading the query to the data model.
	Duplicate the queries.

NEW QUESTION 16
- (Exam Topic 3)
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.
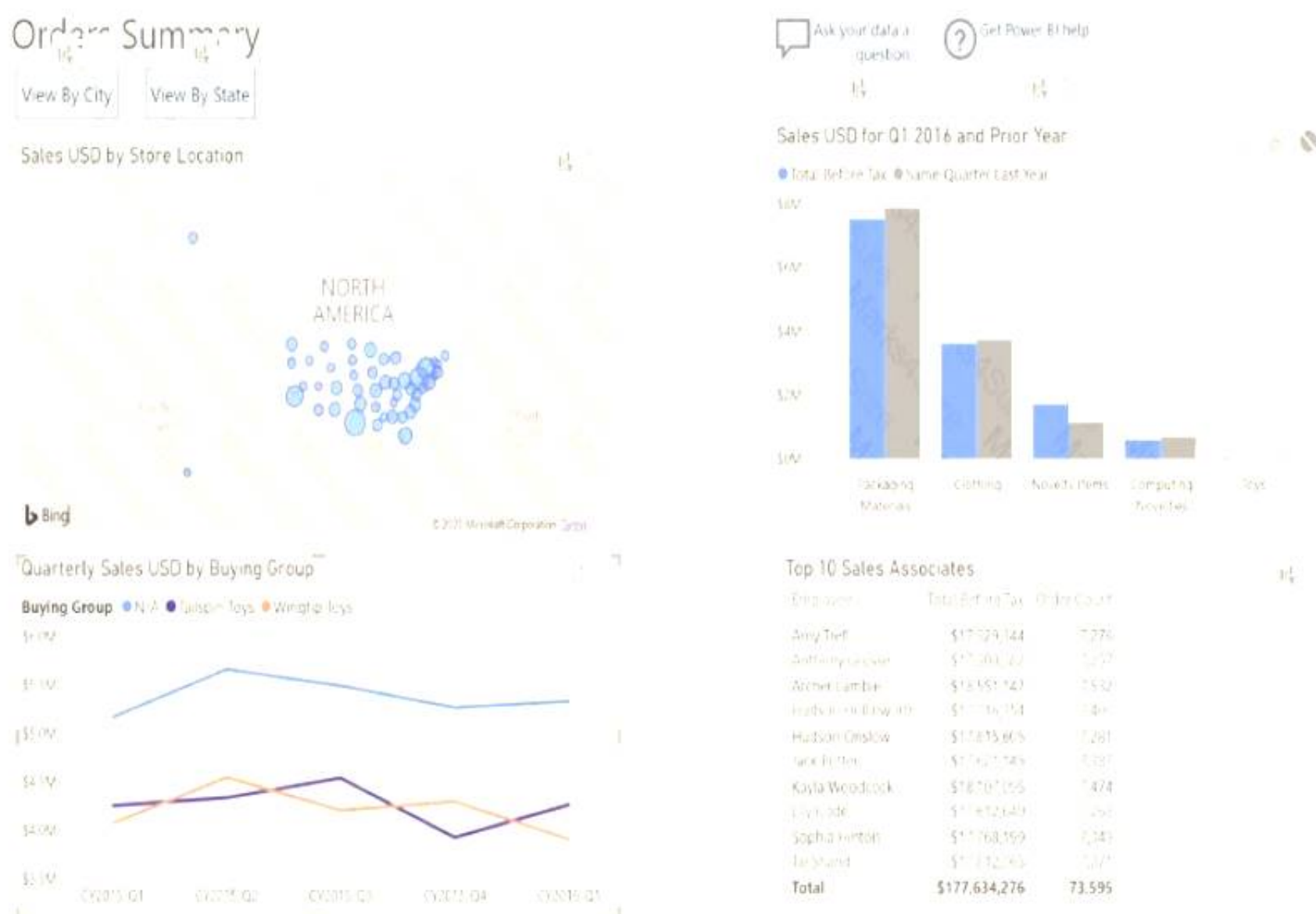What should you use?

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

Answer: D

NEW QUESTION 20
- (Exam Topic 3)
You have a report page that contains the visuals shown in the following exhibit.

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

Answer Area

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

| cross-filter |
| cross-highlight |
| not affect |

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

| cross-filter |
| cross-highlight |
| not affect |

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

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

| cross-filter |
| cross-highlight |
| not affect |

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

| cross-filter |
| cross-highlight |
| not affect |

NEW QUESTION 25
- (Exam Topic 3)
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:

Answer Area

Employee_id:
```
Change Type
Delete
Hide
Sort
```

Employee_photo:
```
Change Type
Delete
Hide
Sort
```

NEW QUESTION 27
- (Exam Topic 3)
You have a Microsoft SharePoint Online site that contains several document libraries. One of the document libraries contains manufacturing reports saved as Microsoft Excel files. All the manufacturing reports have the same data structure.
You need to load only the manufacturing reports to a table for analysis. What should you do in Microsoft Power BI Desktop?

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

Answer: A

NEW QUESTION 28
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