

## Exam Questions DA-100

Analyzing Data with Microsoft Power BI

<https://www.2passeasy.com/dumps/DA-100/>



### 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)

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

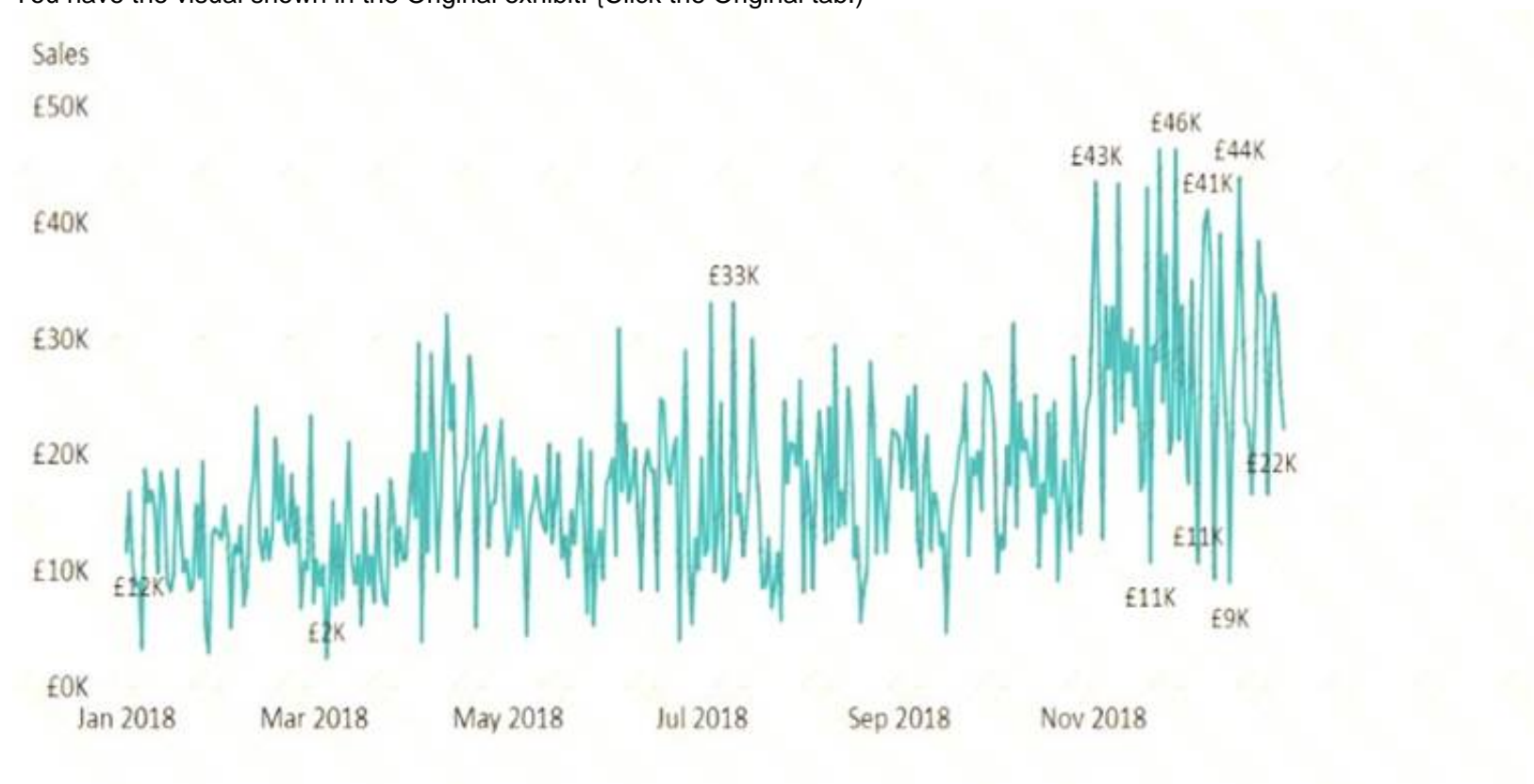
- A. Change the data type of Sales[region\_id] to Whole Number.
- B. In the Sales table, add a measure for sum(sales\_amount).
- C. Change the data type of sales[sales\_id] to Text.
- D. Change the data type of sales [region\_id] to Decimal Number.

**Answer: C**

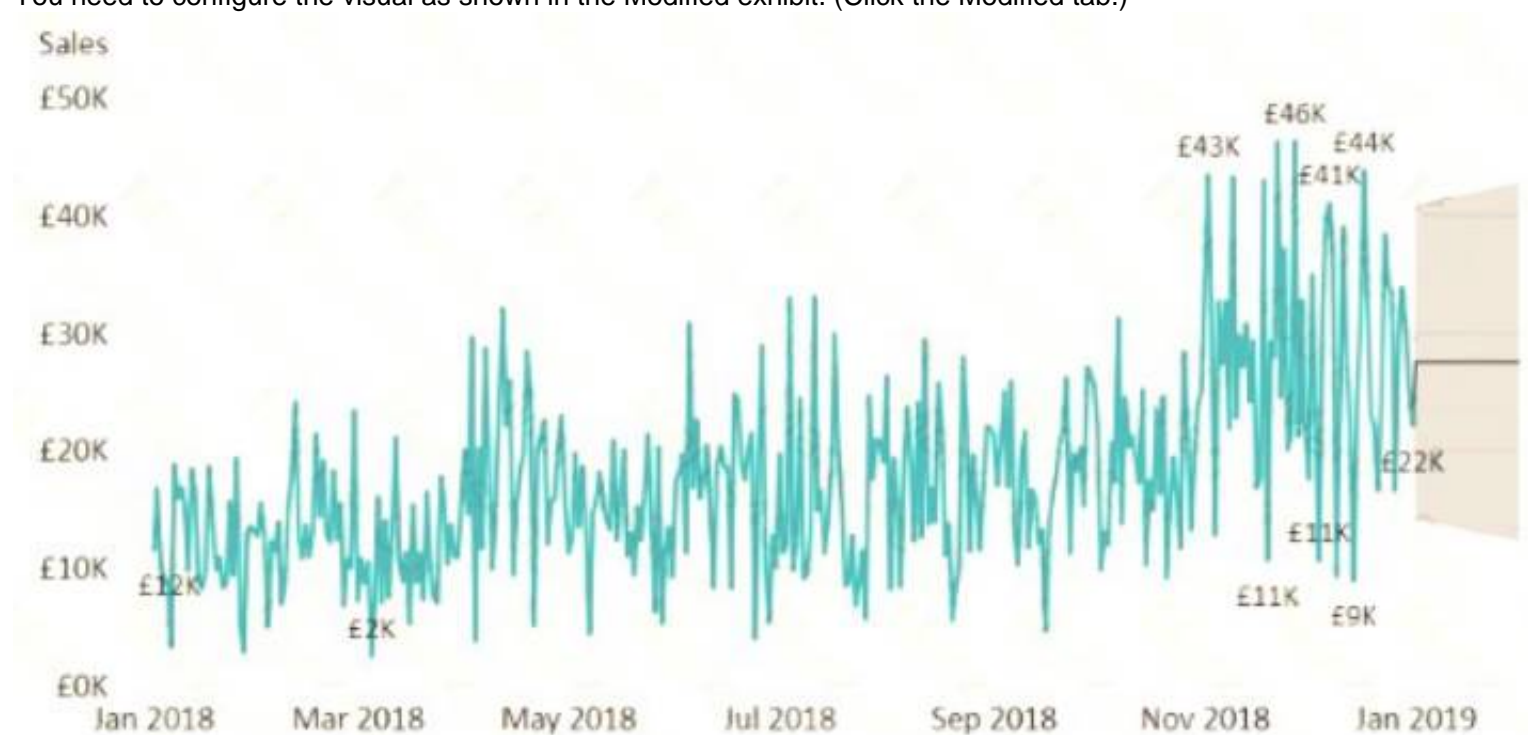
### NEW QUESTION 3

- (Exam Topic 3)

You have the visual shown in the Original exhibit. {Click the Original tab.}



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



What should you add to the visual?

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

Answer: B

#### 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 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   | Answer Area            |
|---|------------------------|
| <div>Admin</div> <div>Contributor</div> <div>Member</div> <div>Viewer</div> | User1: <div>Role</div> |
|   | User2: <div>Role</div> |

- A. Mastered
- B. Not Mastered

Answer: A

#### Explanation:

| Roles   | Answer Area              |
|---|--------------------------|
| <div>Admin</div> <div>Contributor</div> <div>Member</div> <div>Viewer</div> | User1: <div>Member</div> |
|   | User2: <div>Admin</div>  |

#### NEW QUESTION 7

- (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

As of date configuration

### Date

As of date configuration

### Period

Days

### Periods before

1

### Periods after

0

### Fields

Search

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  
 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 8

- (Exam Topic 3)

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

### NEW QUESTION 9

- (Exam Topic 3)

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

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

|   | Column1     | Column2             | Column3    | Column4    | Column5    | Column6    |
|---|-------------|---------------------|------------|------------|------------|------------|
|   | Valid 100%  | Valid 100%          | Valid 100% | Valid 100% | Valid 100% | Valid 100% |
|   | Error 0%    | Error 0%            | Error 0%   | Error 0%   | Error 0%   | Error 0%   |
|   | Empty 0%    | Empty 0%            | Empty 0%   | Empty 0%   | Empty 0%   | Empty 0%   |
| 1 | Department  | Product             | 2016       | 2017       | 2018       | 2019       |
| 2 | Bikes       | Carbon mountainbike | 1002815    | 1006617    | 1007814    | 1007239    |
| 3 | Bikes       | Aluminium road bike | 1007024    | 1001454    | 1005842    | 1007105    |
| 4 | Bikes       | Touring bike        | 1003676    | 1005171    | 1001669    | 1003244    |
| 5 | Accessories | Bell                | 76713      | 10247      | 60590      | 25927      |
| 6 | Accessories | Bottle holder       | 26690      | 29613      | 67955      | 71466      |
| 7 | Accessories | Satnav              | 83189      | 40113      | 71684      | 24697      |
| 8 | Accessories | Mobilephone holder  | 68641      | 80336      | 58099      | 45706      |

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

You need to transform the data to ensure that you can build the visuals. The solution must ensure that the columns are named appropriately for the data that they contain.

#### Actions

- Select **Use Headers as First Row**.
- Select Department and Product and **Unpivot Other Columns**.
- Select **Use First Rows as Headers**.
- Rename the third column as Year and the fourth column as Revenue.
- Select Department and Product and **Unpivot Columns**.
- Rename the third column as Revenue and the fourth column as Year.

#### Answer Area



- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

#### Actions

- Select **Use Headers as First Row**.
- Select Department and Product and **Unpivot Other Columns**.
- Select **Use First Rows as Headers**.
- Rename the third column as Year and the fourth column as Revenue.
- Select Department and Product and **Unpivot Columns**.
- Rename the third column as Revenue and the fourth column as Year.

#### Answer Area



- Select **Use First Rows as Headers**.
- Select Department and Product and **Unpivot Other Columns**.
- Select **Use Headers as First Row**.
- Select Department and Product and **Unpivot Columns**.
- Rename the third column as Year and the fourth column as Revenue.
- Rename the third column as Revenue and the fourth column as Year.

### NEW QUESTION 10

- (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 10

- (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.

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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:** B

### NEW QUESTION 12

- (Exam Topic 3)

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 .pbviz 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 16

- (Exam Topic 3)

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 custom 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. Split the visuals onto multiple pages.  
B. Implement row-level security (RLS).



- C. Replace the default visuals with custom visuals.
- D. Increase the number of times that the dataset is refreshed.

Answer: A

#### NEW QUESTION 20

- (Exam Topic 3)

You have multiple dashboards.

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

What should you use?

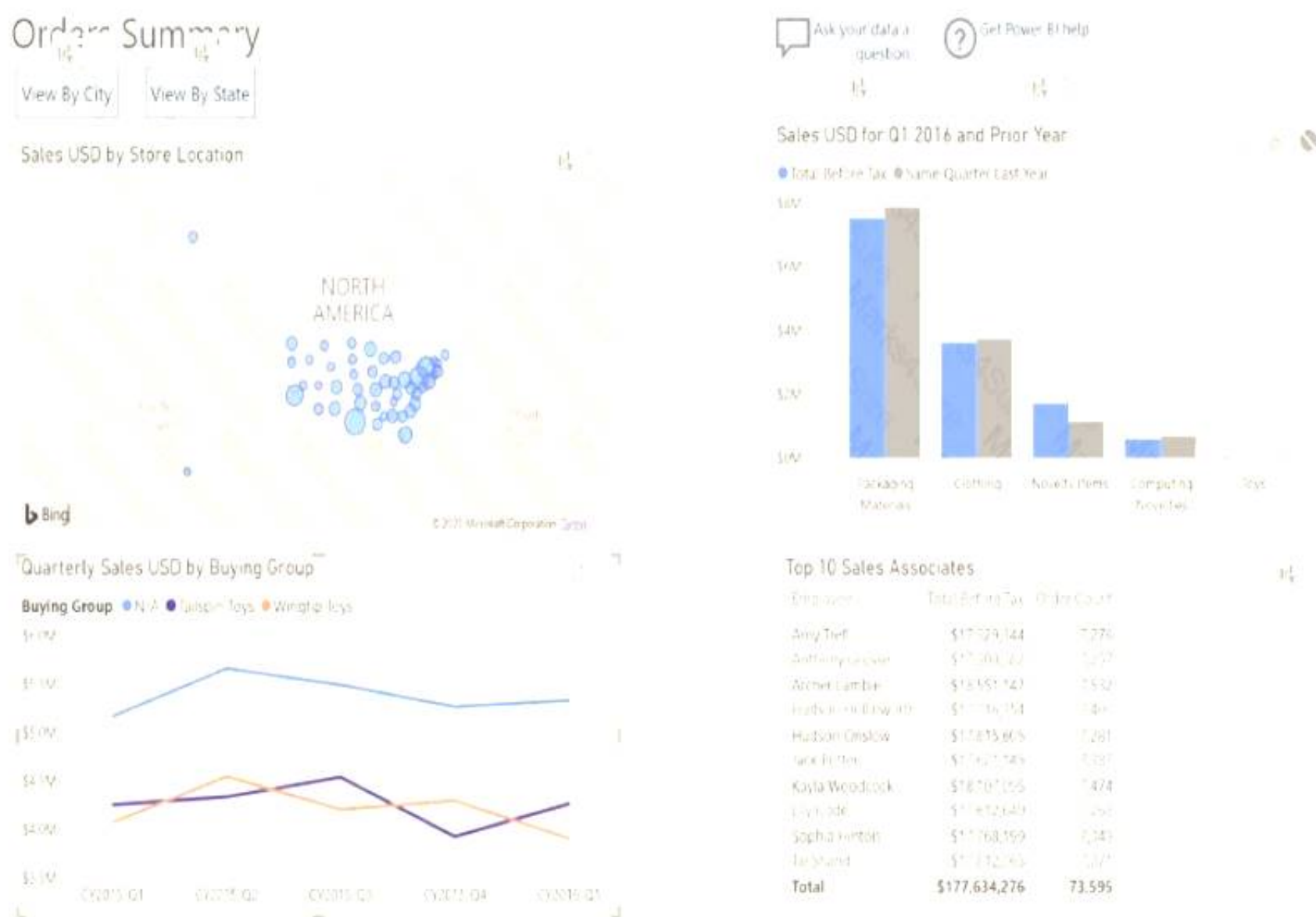
- A. Active Directory groups
- B. tiles
- C. data classifications
- D. comments

Answer: A

#### NEW QUESTION 23

- (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 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:** B

### NEW QUESTION 26

- (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 31

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