DA-100 Dumps

Analyzing Data with Microsoft Power BI

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NEW QUESTION 1
- (Exam 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 yyyymmdd 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

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 1)
You need to create a calculated column to display the month based on the reporting requirements. Which DAX expression should you use?
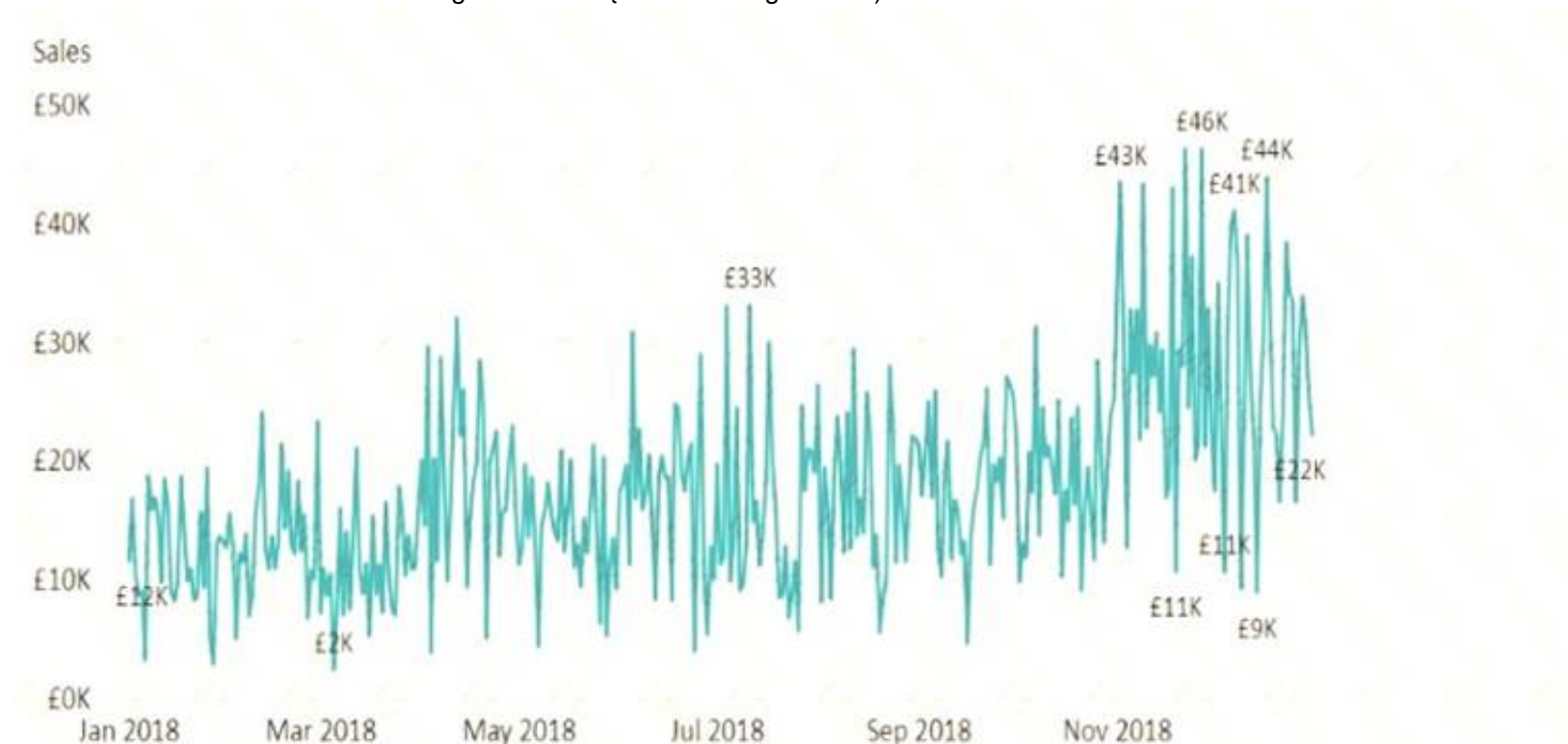
A. FORMAT('Date'[date],"MMM YYYY")
B. FORMAT(,Date,[date_id],"WM YYYY")
C. FORMAT('Date'[date],"M YY")
D. FORMAT('Date'[date_id]-''MM") & " " & FORMAT ('Date' [year], "#")

Answer: D

NEW QUESTION 4
- (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 5
- (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 6
- (Exam Topic 3)
You build a report to analyze customer transactions from a database that contains the tables shown in the following table.

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

You import the tables.
Which relationship should you use to link the tables?

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

Answer: B

NEW QUESTION 7
- (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 8
- (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 9
- (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 10
- (Exam Topic 3)
You are creating a quick measure as shown in the following exhibit.

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 10
- (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.)

Variance to Plan, Variance to Plan %
BY BUSINESS AREA • REFRESHED: 12:03:06 PM
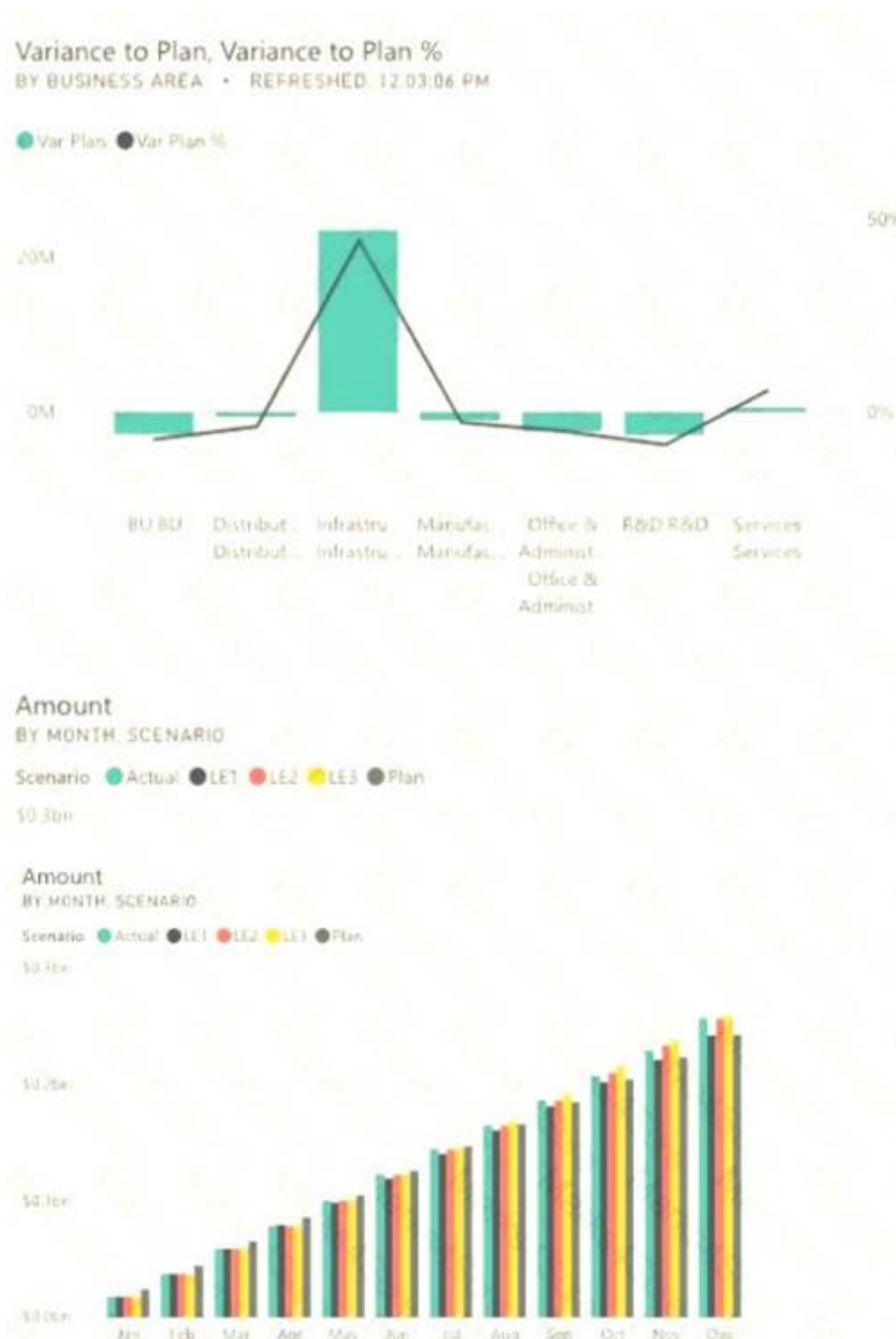
What occurred at 12:03:06 PM?

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 13
- (Exam Topic 3)
You have a collection of reports for the HR department of your company. The datasets use row-level security (RLS). The company has multiple sales regions that each has an HR manager. You need to ensure that the HR managers can interact with the data from their region only. The HR managers must be prevented from changing the layout of the reports. How should you provision access to the reports for the HR managers?

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

Answer: D

NEW QUESTION 17
- (Exam Topic 3)
You build a report to help the sales team understand its performance and the drivers of sales. The team needs to have a single visualization to identify which factors affect success. Which type of visualization should you use?

A. Key influences
B. Funnel chart
C. Q&A
D. Line and clustered column chart

Answer: A

NEW QUESTION 22
- (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.

A⁰C Column1	A⁰C Column2	1²₃ Column3	1²₃ Column4	1²₃ Column5	1²₃ Column6	
● Valid 100%	● Valid 100%	● Valid 100%	● Valid 100%	● Valid 100%	● Valid 100%	100%
● Error 0%	● Error 0%	● Error 0%	● Error 0%	● Error 0%	● Error 0%	0%
● Empty 0%	● Empty 0%	● Empty 0%	● Empty 0%	● Empty 0%	● Empty 0%	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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 26
- (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 28
- (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 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 30
- (Exam Topic 3)
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: A

NEW QUESTION 32
- (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 36
- (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.
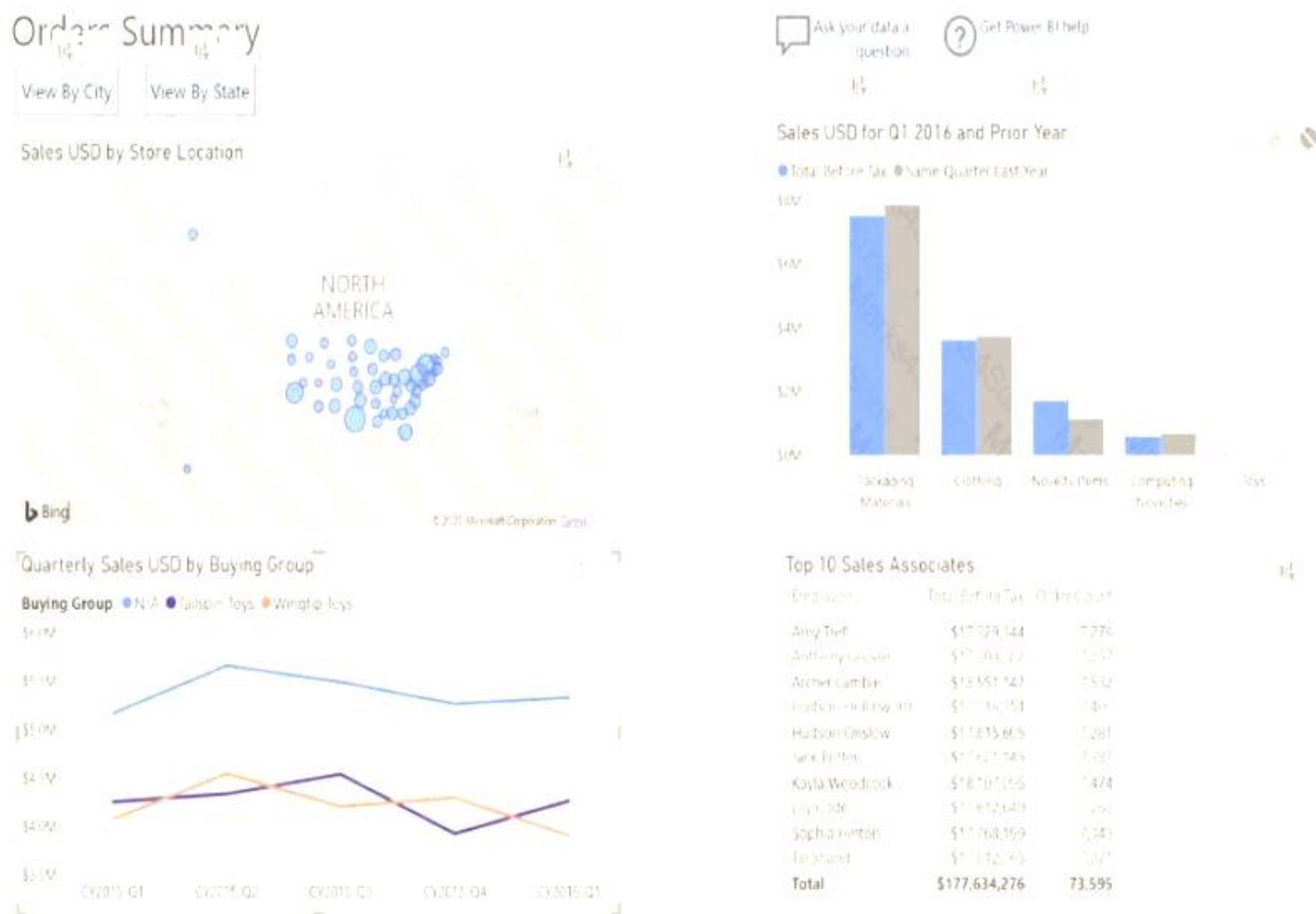What should you use?

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

Answer: D

NEW QUESTION 37
- (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

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 38
- (Exam Topic 3)
You have five sales regions. Each region is assigned a single salesperson.
You have an imported dataset that has a dynamic row-level security (RLS) role named Sales. The Sales role filters sales transaction data by salesperson.
Salespeople must see only the data from their region.
You publish the dataset to powerbi.com, set RLS role membership, and distribute the dataset and related reports to the salespeople.
A salesperson reports that she believes she should see more data. You need to verify what data the salesperson currently sees. What should you do?

A. Use the Test as role option to view data as the salesperson's user account.
B. Use the Test as role option to view data as the Sales role.
C. Instruct the salesperson to open the report in Microsoft Power BI Desktop.
D. Filter the data in the reports to match the intended logic in the filter on the sales transaction table.

Answer: B

NEW QUESTION 41
- (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 43
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