

## DA-100 Dumps

### Analyzing Data with Microsoft Power BI

<https://www.certleader.com/DA-100-dumps.html>



**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 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**

**NEW QUESTION 2**

- (Exam Topic 1)

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

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

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

Indicator: ☐ Date[month] ☐ Sales[sales\_amount] ☐ Sales[sales\_id] ☐ Targets[sales\_target] ☐ Weekly\_Returns[total\_returns] These are the selections for Indicator

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

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

A. Mastered

B. Not Mastered

**Answer: A**

**Explanation:**

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

Indicator: ☐ Date[month] ☐ Sales[sales\_amount] ☐ Sales[sales\_id] ☐ Targets[sales\_target] ☐ Weekly\_Returns[total\_returns] These are the selections for Indicator

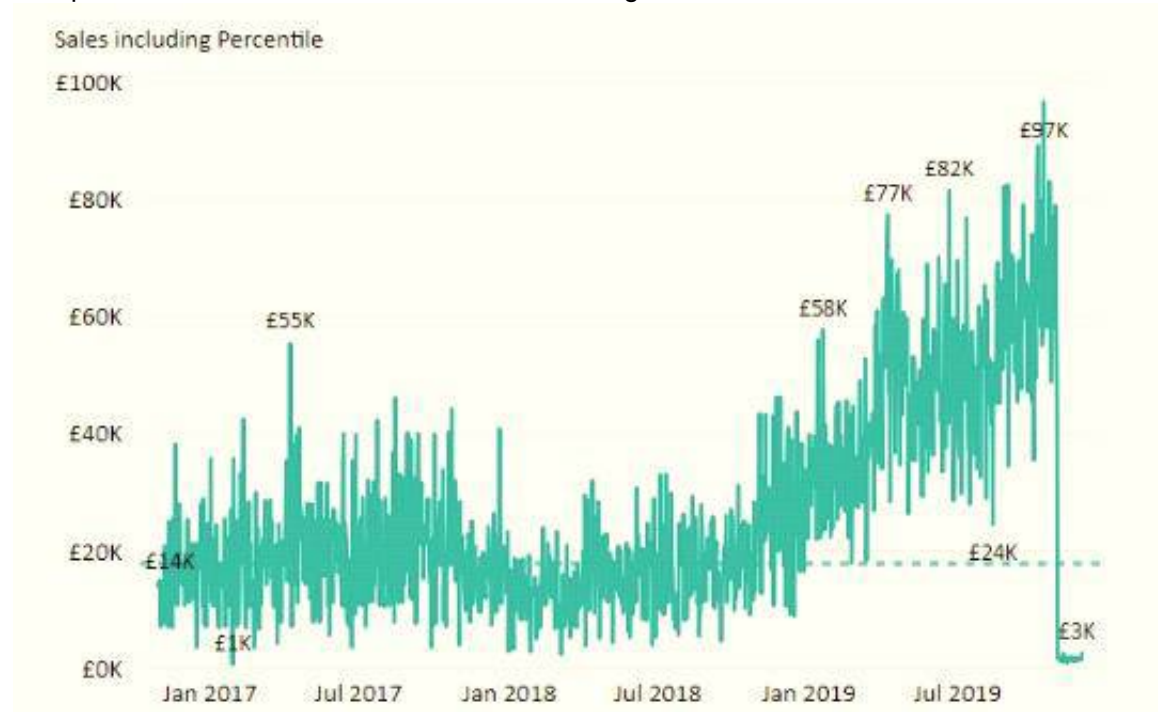
Trend axis: ☐ Date[month] ☐ Sales[sales\_amount] ☐ Sales[sales\_id] ☐ Targets[sales\_target] ☐ Weekly\_Returns[total\_returns]

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

### 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: `Measure1 = 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: `Measure1 = 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)

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 6

- (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 7

- (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%
<b>Total</b>	<b>£9,952,759.56</b>	<b>£4,249,964.36</b>	<b>57.30%</b>

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 8

- (Exam Topic 3)

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



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

What should you recommend?

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

**Answer: C**

#### NEW QUESTION 9

- (Exam Topic 3)

You have a report that contains four pages. Each page contains slicers for the same four fields. Users report dthat when they select values on a slicer on one page, the visuals are not updated on all the pages. You need to recommend a solution to ensure that users can select a value once to filter the results on all the pages. What are two possible recommendations to achieve this goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

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

**Answer: BD**

#### NEW QUESTION 10

- (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 10

- (Exam Topic 3)

You have a data model that contains many complex DAX expressions. The expressions contain frequent references to the related and relatedtable functions. You need to recommend a solution to minimize the use of the related and relatedtable functions. What should you recommend?

- A. Merge tables by using Power Quer
- B. )
- C. Hide unused columns in the mode
- D. )
- E. Split the model into multiple models.
- F. Transpose.

**Answer: A**

#### NEW QUESTION 11

- (Exam Topic 3)

You are creating a column chart visualization.

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

Groups

Name

Sepal.Width (bins)

Field

Sepal.Width

Group type

Bin

Min value

2

Bin Type

Number of bins

Max value

44

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

Bin count

10

Bin size

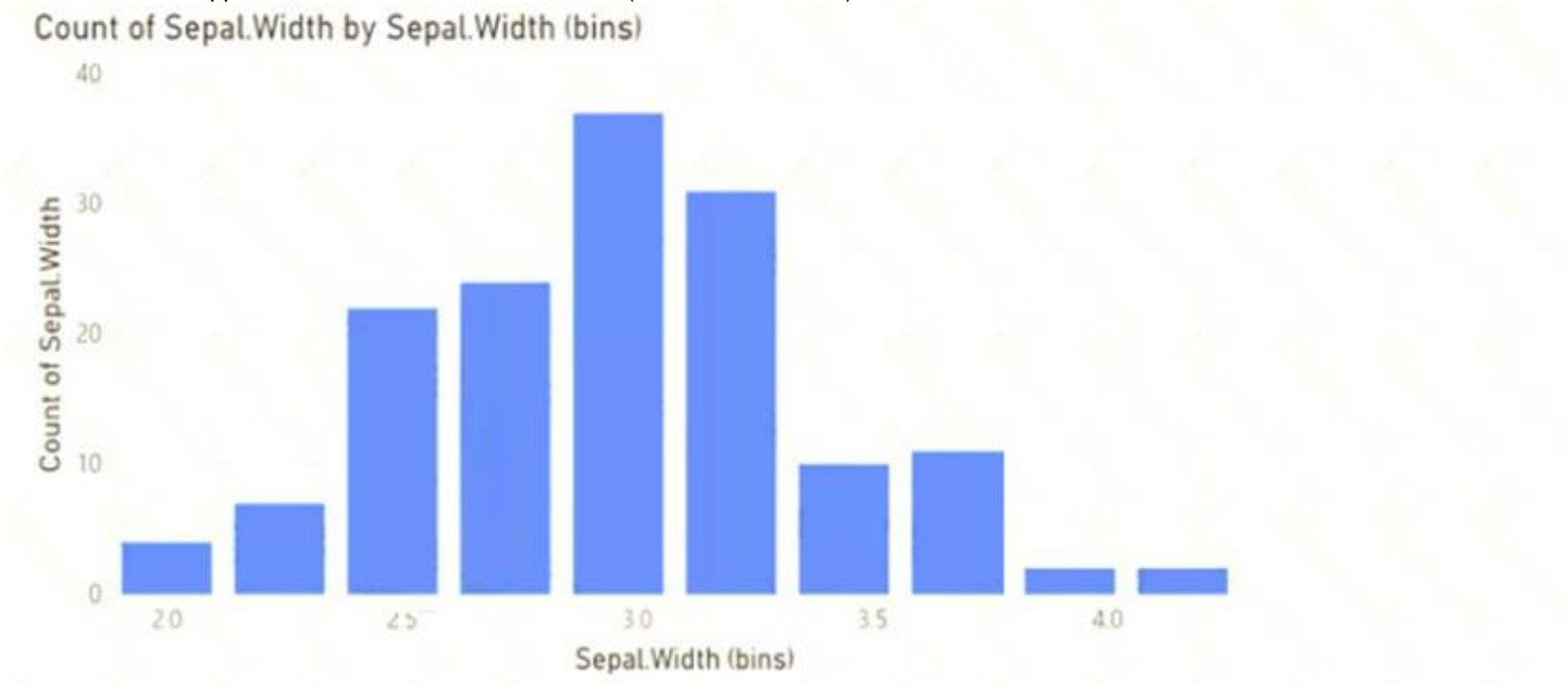
0.24000000000000005

Reset to default

OK

Cancel

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



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

Answer Area

Statements

Yes

No

The data is segmented into 10 groups.

☐

☐

The data was split into deciles.

☐

☐

To increase the bin size, you must decrease the bin count.

☐

☐

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements

Yes

No

The data is segmented into 10 groups.



The data was split into deciles.



To increase the bin size, you must decrease the bin count.



NEW QUESTION 15

- (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

Answer Area

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**.

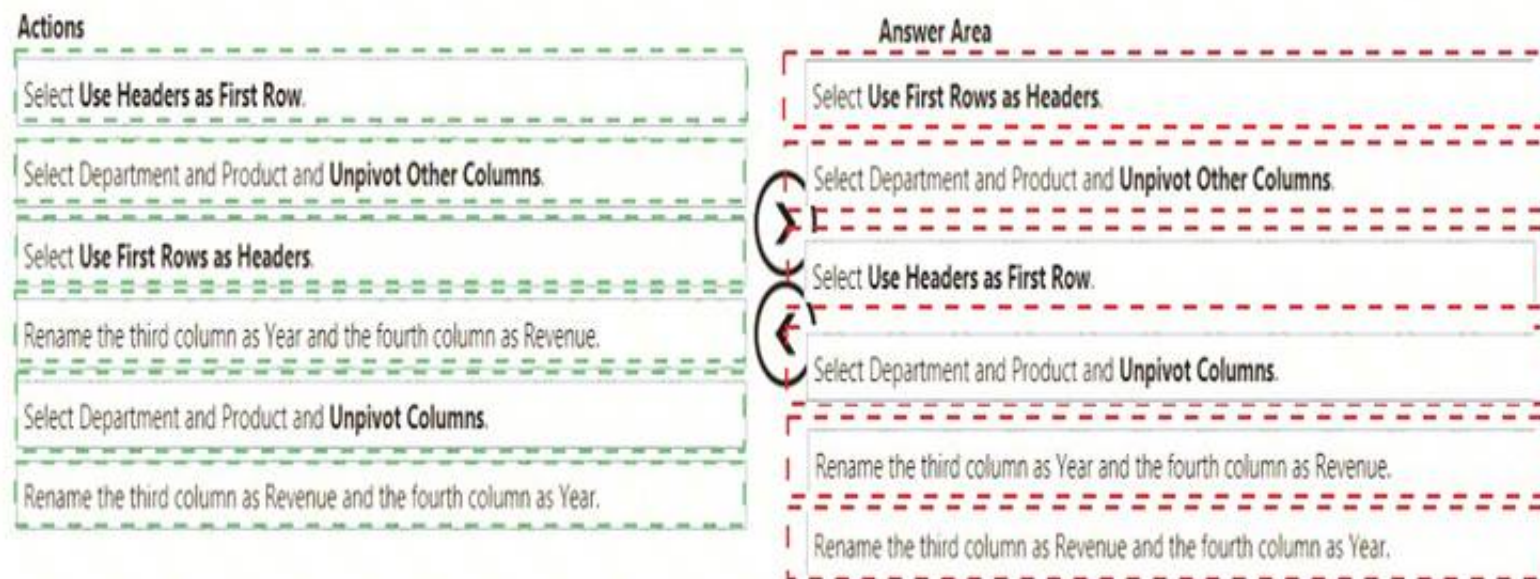
Rename the third column as Revenue and the fourth column as Year.



- A. Mastered  
B. Not Mastered

Answer: A

Explanation:



#### NEW QUESTION 17

- (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 18

- (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 19

- (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 WHERE clause to the SQL statement. Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

#### NEW QUESTION 22

- (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

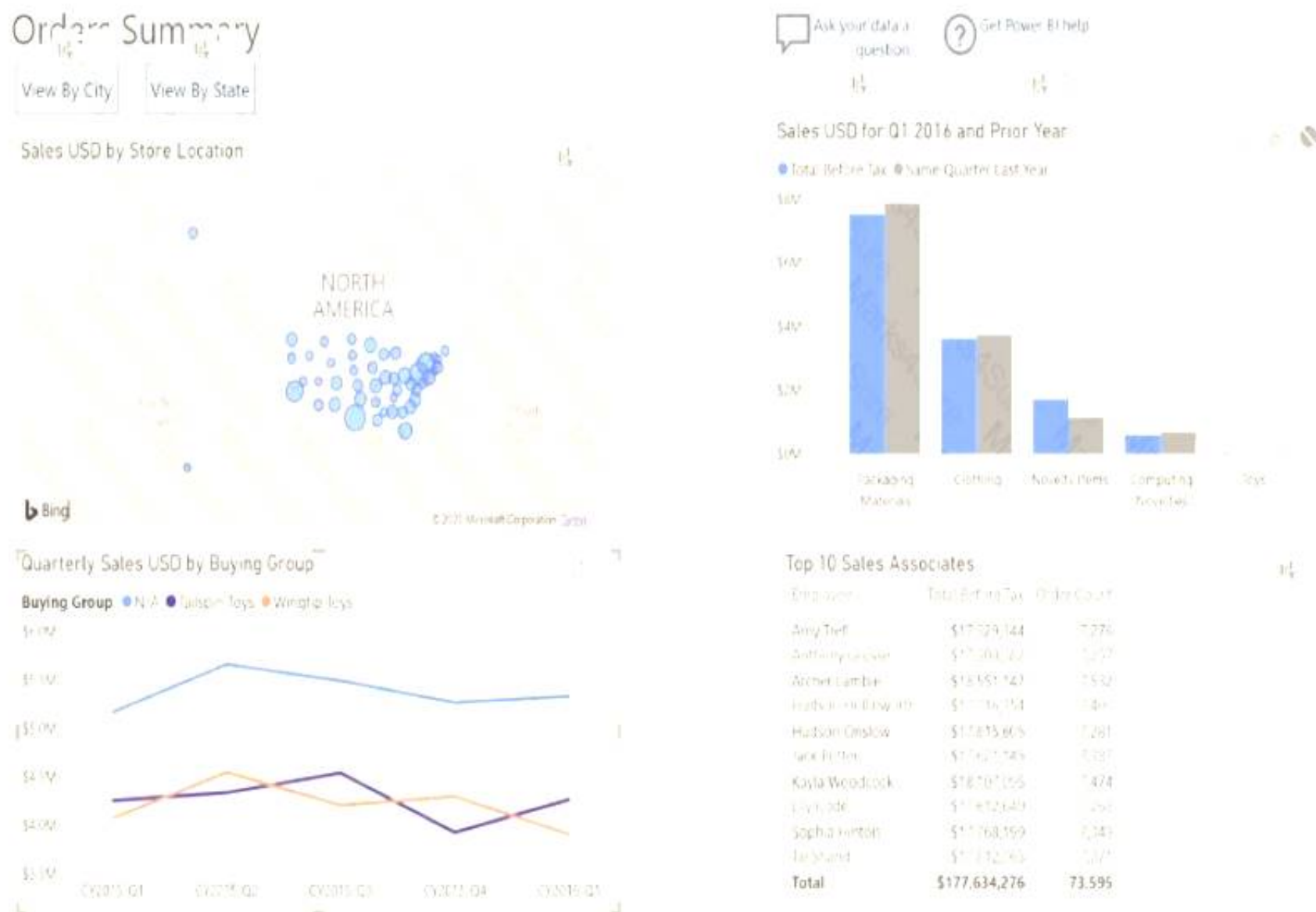
**Answer: A**

#### NEW QUESTION 25

- (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 30

- (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 31

- (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 35

- (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 38**

- (Exam Topic 3)

You build a report about warehouse inventory data. The dataset has more than 10 million product records from 200 warehouses worldwide. You have a table named Products that contains the columns shown in the following table.

Name	Sample data
ProductDescription	Bikes > Adventure Works > Mountain Bikes > Super Carbon Bike > 26in wheels 42in frame
ProductCategory	Bikes
Manufacturer	Adventure Works
ProductSubcategory	Mountain Bikes
ProductSpecification	26in wheels 42in frame

Warehouse managers report that it is difficult to use the report because the report uses only the product name in tables and visuals. The product name is contained within the ProductDescription column and is always the fourth value.

You need to modify the report to support the warehouse managers requirement to explore inventory levels at different levels of the product hierarchy. The solution must minimize the model size.

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**

Create a product hierarchy of Manufacturer, ProductSpecifications, ProductName, ProductSubcategory, and ProductCategory.

Replace the use of ProductDescription in the report with the product hierarchy.

Transform the ProductDescription column to contain only the text between the first and fourth > symbol.

Add the product hierarchy as an extra field in visuals where ProductDescription is used.

Add a column named ProductName that contains only the text between the third and fourth > symbol in the ProductDescription column.

Add a column named ProductName that contains all the text after the third > symbol in the ProductDescription column.

Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications.

**Answer Area**

- A. Mastered  
B. Not Mastered

**Answer: A**

**Explanation:**



Actions	Answer Area
Create a product hierarchy of Manufacturer, ProductSpecifications, ProductName, ProductSubcategory, and ProductCategory.	Add the product hierarchy as an extra field in visuals where ProductDescription is used.
Replace the use of ProductDescription in the report with the product hierarchy.	
Transform the ProductDescription column to contain only the text between the first and fourth > symbol.	Transform the ProductDescription column to contain only the text between the first and fourth > symbol.
Add the product hierarchy as an extra field in visuals where ProductDescription is used.	
Add a column named ProductName that contains only the text between the third and fourth > symbol in the ProductDescription column.	
Add a column named ProductName that contains all the text after the third > symbol in the ProductDescription column.	
Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications.	Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications.

#### NEW QUESTION 41

- (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 44

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