

## Exam Questions PL-300

Microsoft Power BI Data Analyst

<https://www.2passeasy.com/dumps/PL-300/>



### NEW QUESTION 1

- (Exam 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:** C

### NEW QUESTION 2

- (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], "M YY")`
- C. `FORMAT('Date'[date_id], "MMM") & "" & FORMAT('Date'[year], "#")`
- D. `FORMAT('Date' [date_id], "MMM YYYY")`

**Answer:** A

### NEW QUESTION 3

- (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:** 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 4

- (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:

Indicator:

Trend axis:

Target goals:

These are the selections for Indicator

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Scenario: The sales managers require a visual to analyze sales performance versus sales targets.

Box 1: KPI

A Key Performance Indicator (KPI) is a visual cue that communicates the amount of progress made toward a measurable goal.

Box 2: Sales[sales\_amount]  
 Box 3: Date[month]  
 Time > FiscalMonth. This value will represent the trend. Box 4: Targets[sales\_target]  
 Reference:  
<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-kpi>

### NEW QUESTION 5

- (Exam 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 6

- (Exam Topic 2)

You need to grant access to the business unit analysts.

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

#### Answer Area

Permissions required in powerbi.com:

Access permissions to an app  
 The Member role to the workspace  
 The Viewer role to the workspace

Permissions for the profit and loss dataset:

Build  
 Delete  
 Reshare

- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

Box 1: The Viewer role to the workspace

The Viewer role gives a read-only experience to its users. They can view dashboards, reports, or workbooks in the workspace, but can't browse the datasets or dataflows. Use the Viewer role wherever you would previously use a classic workspace set to "Members can only view Power BI content".

Capability	Admin	Member	Contributor	Viewer
Update and delete the workspace.	X			
Add/remove people, including other admins.	X			
Add members or others with lower permissions.	X	X		
Publish and update an app.	X	X		
Share an item or share an app.	X	X		
Allow others to reshare items.	X	X		
Create, edit, and delete content in the workspace.	X	X	X	
Publish reports to the workspace, delete content.	X	X	X	
View an item.	X	X	X	X
Create a report in another workspace based on a dataset in this workspace.	X	X	X	X <sup>1</sup>
Copy a report.	X	X	X	X <sup>1</sup>

Box 2: Build

The analysts must be able to build new reports from the dataset that contains the profit and loss data. Scenario: The reports must be made available to the board from powerbi.com.

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, but any reports that the analysts build must not be included in the quarterly reports for the board. The analysts must not be able to share the quarterly reports with anyone.

Reference:

<https://www.nickyvv.com/2019/08/the-new-power-bi-workspace-viewer-role-explained.html>

#### NEW QUESTION 7

- (Exam Topic 3)

You need to configure access for the sales department users. The solution must me meet the security requirements. What should you do?

- A. Add the sales department as a member of the reports workspace
- B. Add the Azure Active Directory group of the sales department as an Admin of the reports workspace.
- C. Distribute an app to the users in the Azure Active Directory group of the sales department.
- D. Share each report to the Azure Active Directory group of the sales department.

**Answer: B**

#### NEW QUESTION 8

- (Exam 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:

Text 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 9

- (Exam Topic 3)

You need to create the dataset. Which dataset mode should you use?

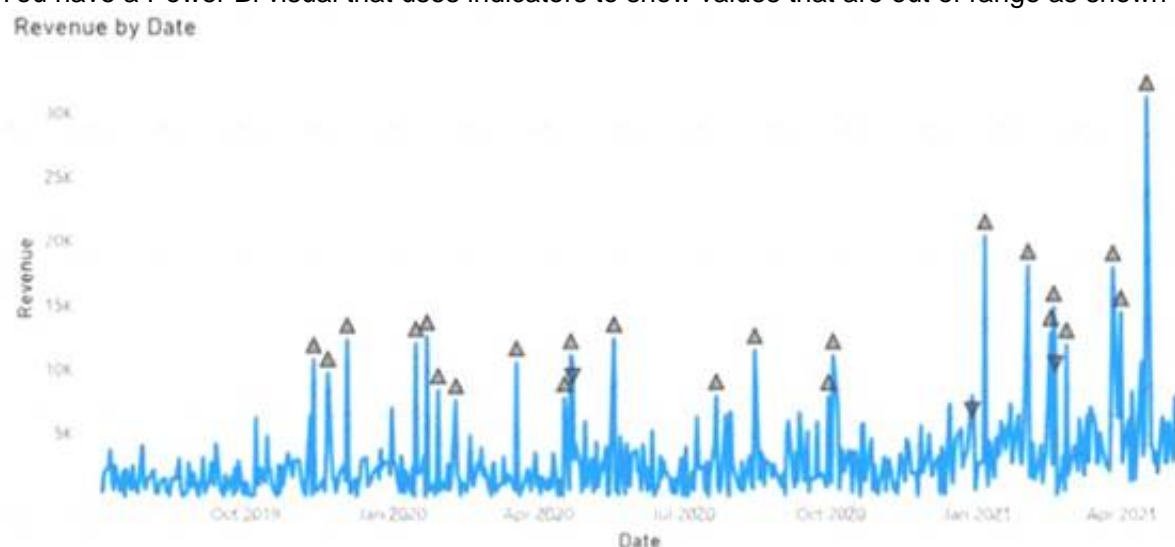
- A. DirectQuery
- B. Import
- C. Live connection
- D. Composite

**Answer: D**

#### NEW QUESTION 10

- (Exam 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.



- A. Mastered
- B. Not Mastered



Answer: A

**Explanation:**

Answer as selected

Answer Area

The visual type is [answer choice] chart. a line

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

**NEW QUESTION 10**

- (Exam Topic 4)

You have a report in Power BI named report1 that is based on a shared dataset.

You need to minimize the risk of data exfiltration for report1. The solution must prevent other reports from being affected.

What should you do?

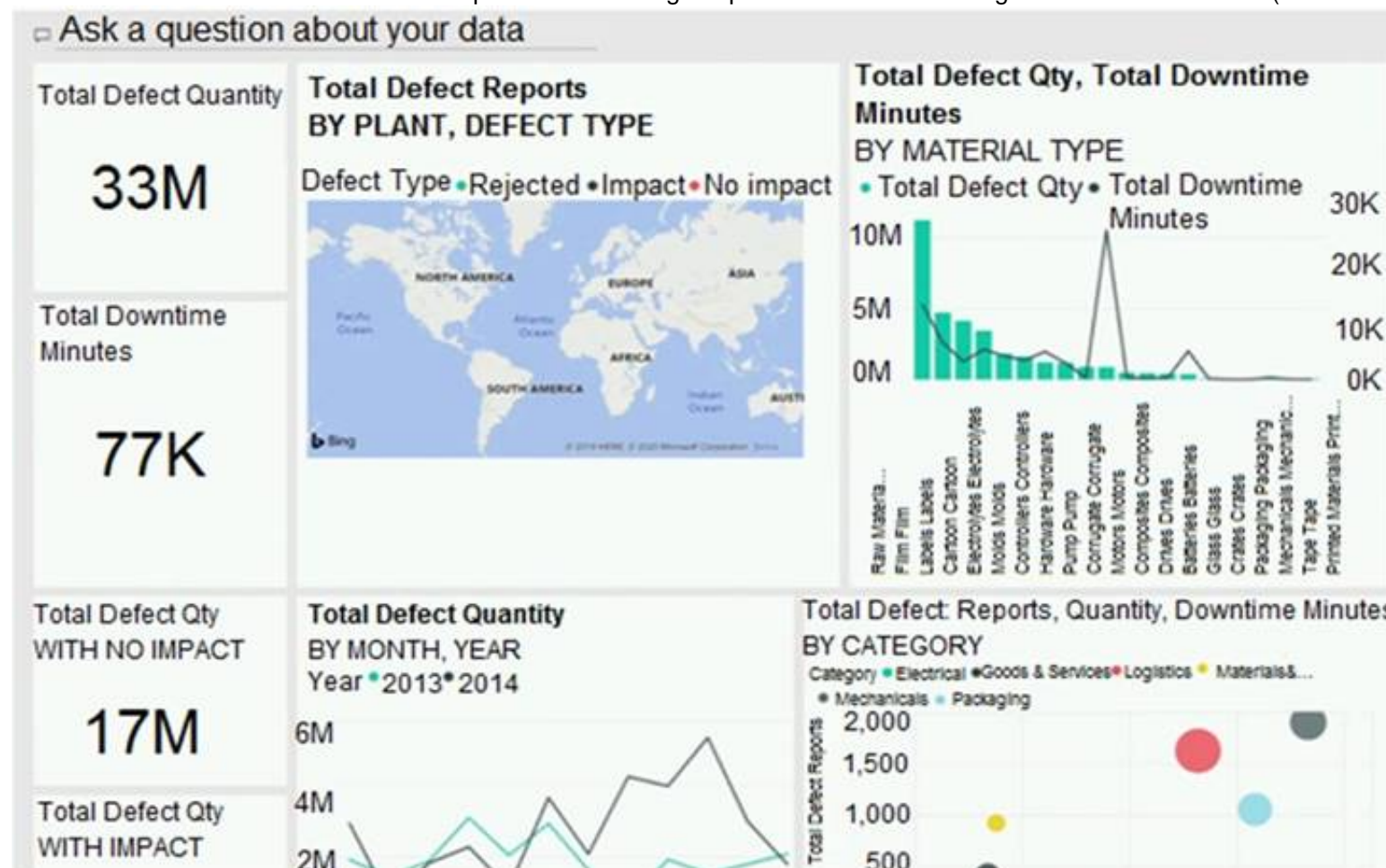
- A. Clear Allow recipients to share your dashboard and Allow users to build new content using the underlying datasets for the dataset.
- B. Select the Allow end users to export both summarized and underlying data from the service or Report Server Export data option for the report.
- C. Select the Don't allow end users to export any data from the service or Report Server Export data option for the report.
- D. Apply row-level security (RLS) to the shared dataset.

Answer: C

**NEW QUESTION 13**

- (Exam Topic 4)

You have a dashboard that contains tiles pinned from a single report as shown in the Original Dashboard exhibit. (Click the Original Dashboard tab.)



You need to modify the dashboard to appear as shown in the Modified Dashboard exhibit. (Click the Modified Dashboard tab.)



What should you do?

- A. Edit the details of each tile.
- B. Change the report theme.
- C. Change the dashboard theme.
- D. Create a custom CSS file.

**Answer: C**

**Explanation:**

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-themes#how-dashboard-themes-work>

#### NEW QUESTION 15

- (Exam 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?

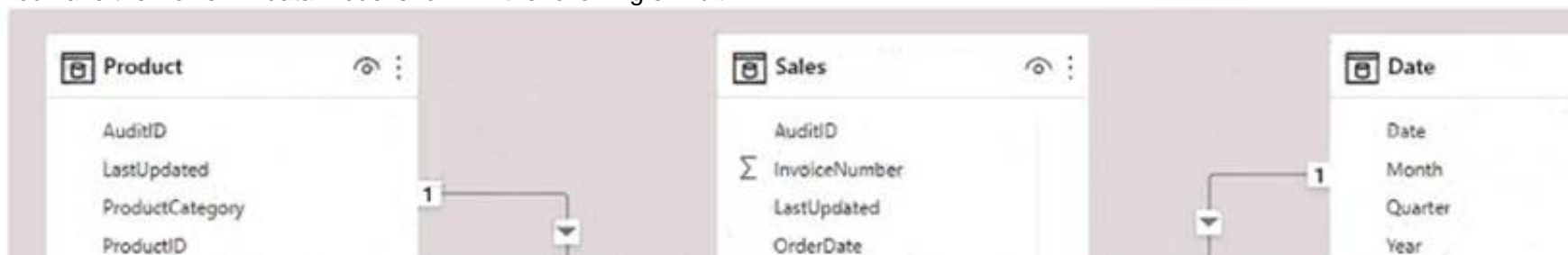
- A. Active Directory groups
- B. tiles
- C. data classifications
- D. comments

**Answer: A**

#### NEW QUESTION 17

- (Exam Topic 4)

You have the Power BI data model shown in the following exhibit.



Select the appropriate yes or no.

#### Statements

Removing the LastUpdated column from the Sales table reduces the model size while still supporting the required analysis.

Yes

No

☐

☐

Removing the ProductID column from the Sales table reduces the model size while still supporting the required analysis.

☐

☐

Removing the ShipDate column from the Sales table reduces the model size while still supporting the required analysis.

☐

☐

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application, email Description automatically generated

NEW QUESTION 21

- (Exam Topic 4)

You have a power BI tenant that hosts the datasets shown in the following table.

Name	Contents	Used to generate
Sales	Sales targets Sales data Employee salary data	Daily performance reports Quarterly reports used to calculate bonuses
Operations	Environmental sensor data	Reports that show average sensor readings over time
Finance	Financial transaction data	Budget planning reports Monthly board reports

You have the following requirements:

- The export of reports that contain Personally Identifiable Information (PII) must be prevented.
- Data used for financial decisions must be reviewed and approved before use.

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 Sales dataset requires a sensitivity label.	<input type="radio"/>	<input type="radio"/>
The Operations dataset requires a sensitivity label and must be certified.	<input type="radio"/>	<input type="radio"/>
The Finance dataset requires a sensitivity label and must be certified.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

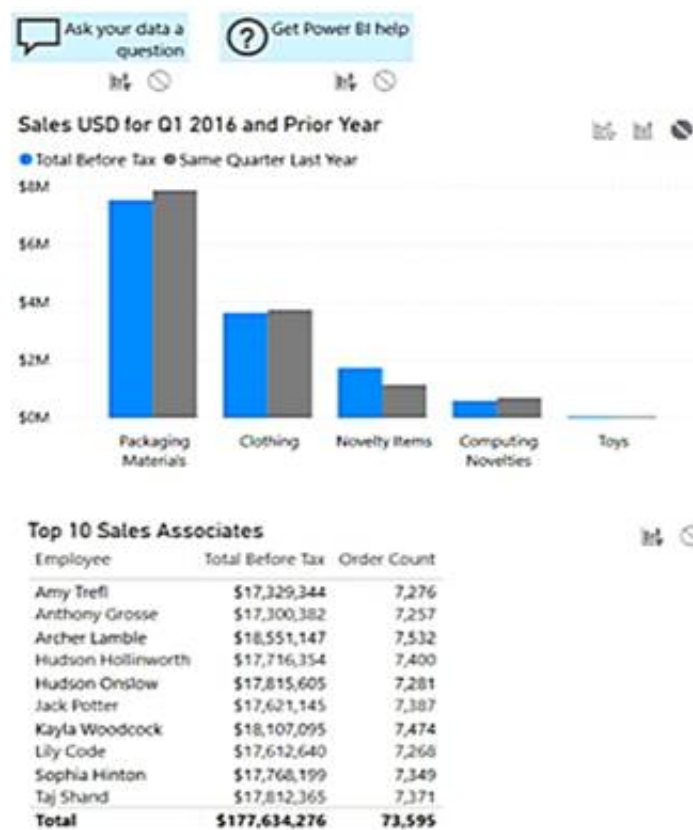
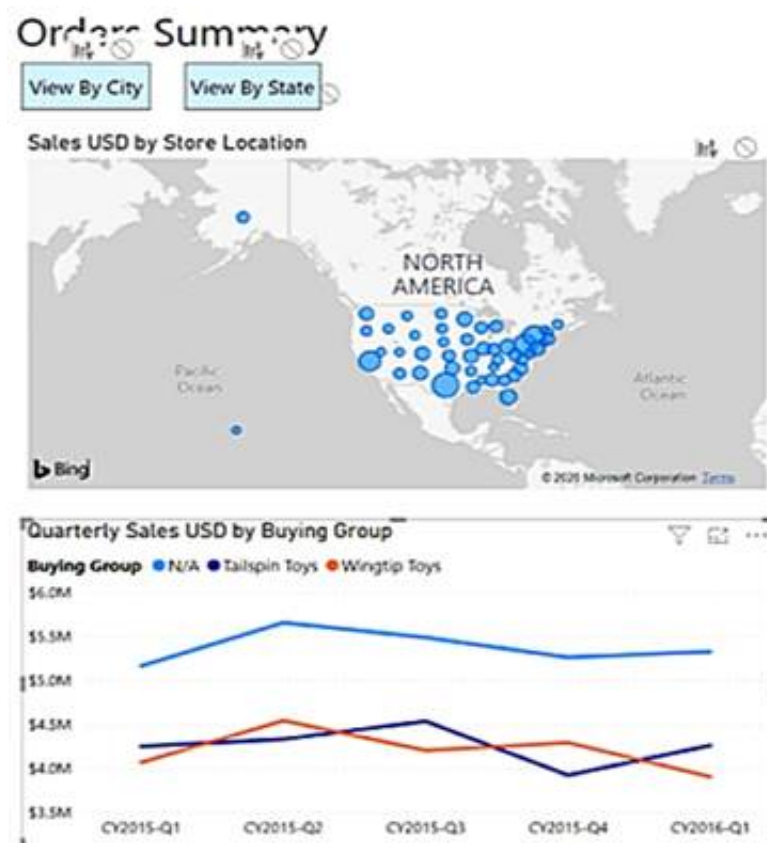
Statements	Yes	No
The Sales dataset requires a sensitivity label.	<input checked="" type="radio"/>	<input type="radio"/>
The Operations dataset requires a sensitivity label and must be certified.	<input type="radio"/>	<input checked="" type="radio"/>
The Finance dataset requires a sensitivity label and must be certified.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 26

- (Exam Topic 4)

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

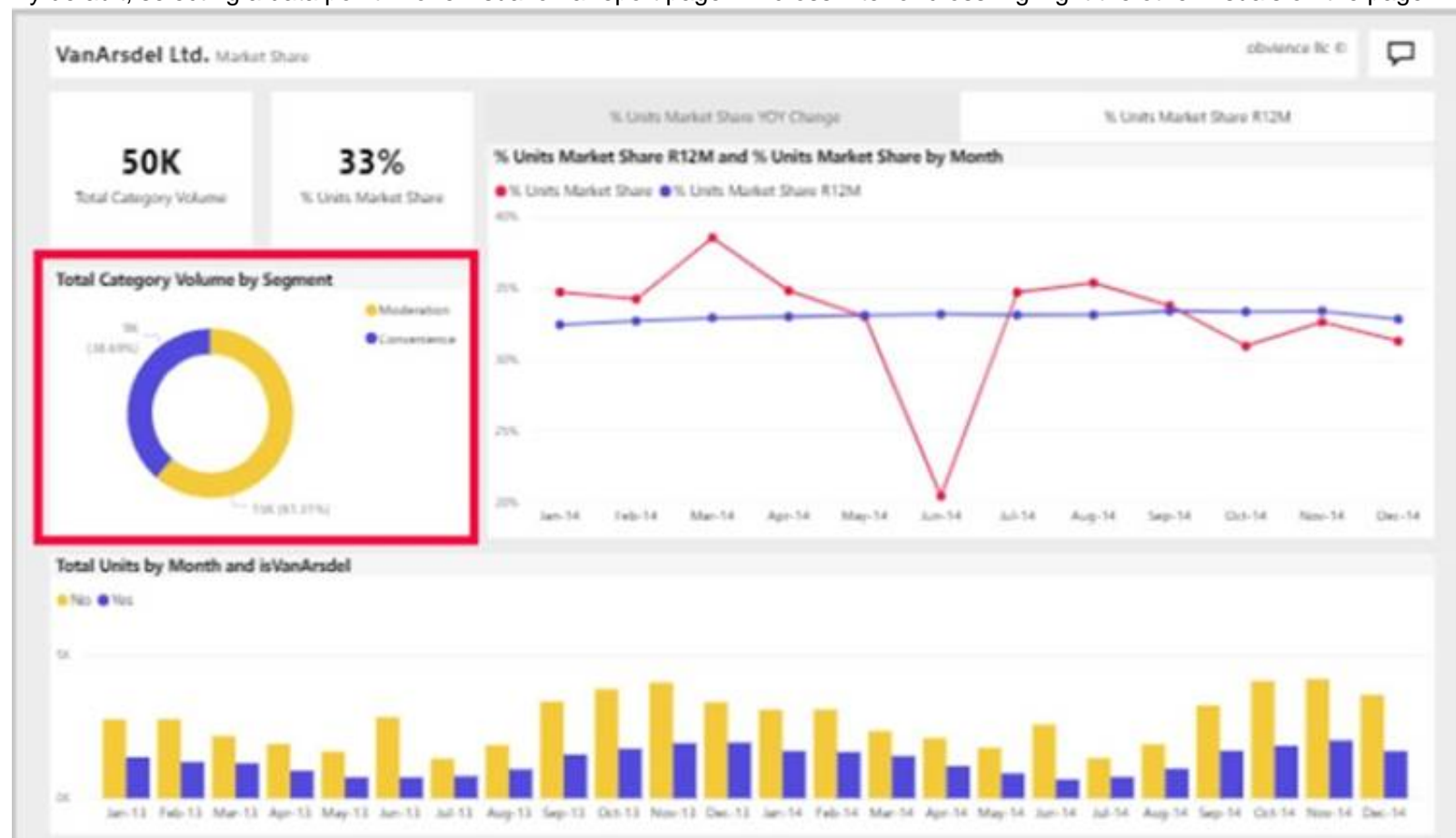
Explanation:

Box 1: cross-filter

By default, selecting a data point in one visual on a report page will cross-filter or cross-highlight the other visuals on the page.

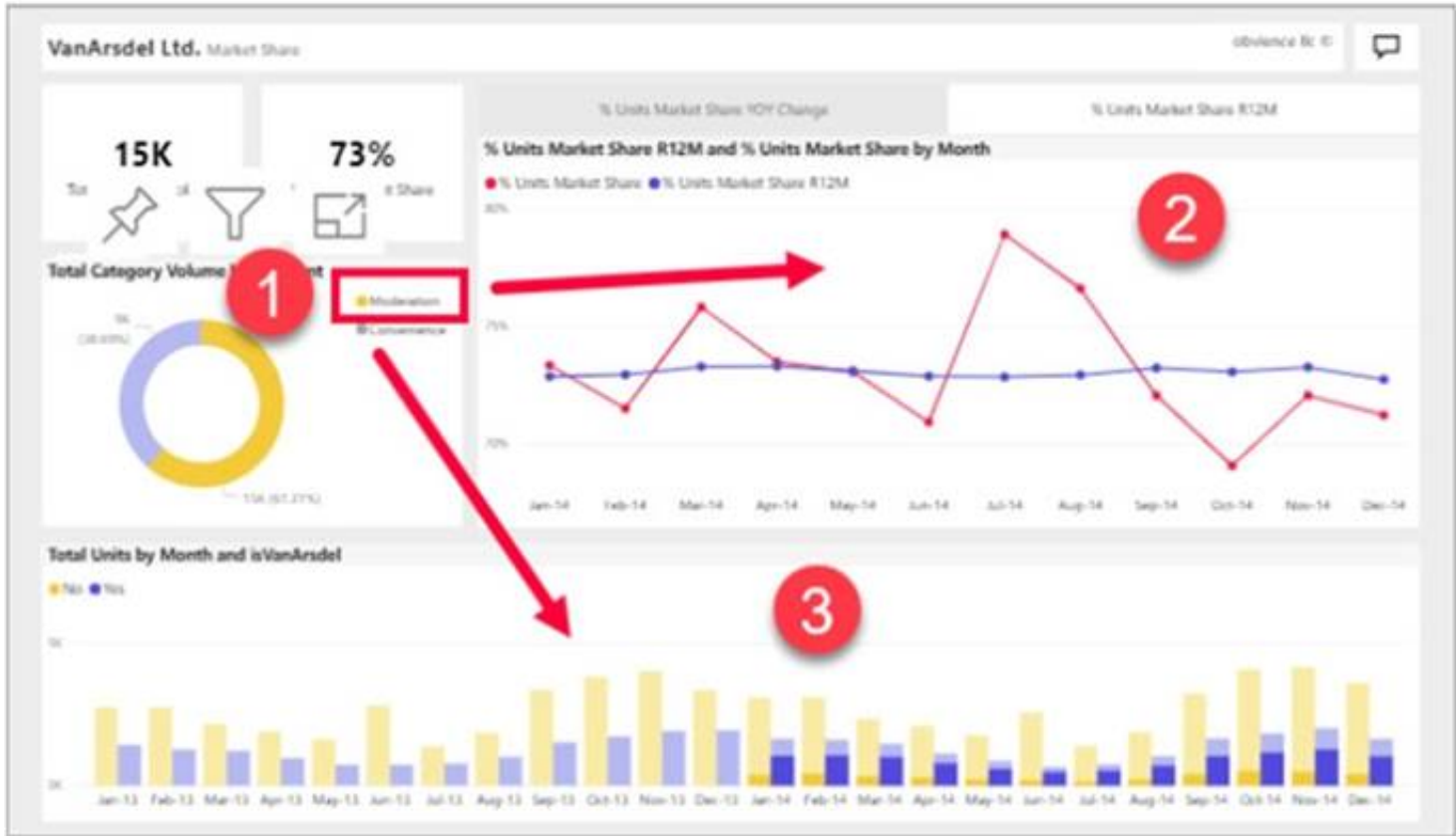
Box 2: cross-highlight Example:

By default, selecting a data point in one visual on a report page will cross-filter or cross-highlight the other visuals on the page.



\* 1. Let's see what happens when we select Moderation.





\* 2. Cross-filtering removes data that doesn't apply. Selecting Moderation in the doughnut chart cross-filters the line chart. The line chart now only displays data points for the Moderation segment.

\* 3. Cross-highlighting retains all the original data points but dims the portion that does not apply to your selection. Selecting Moderation in the doughnut chart cross-highlights the column chart. The column chart dims all the data that applies to the Convenience segment and highlights all the data that applies to the Moderation segment.

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

NEW QUESTION 30

- (Exam Topic 4)

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	1006462	1007814	1007239
3 Bikes	Aluminium road bike	1007094	1009454	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.

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

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:  
Text Description automatically generated with medium confidence  
Step 1: Select Use Header as First Row.

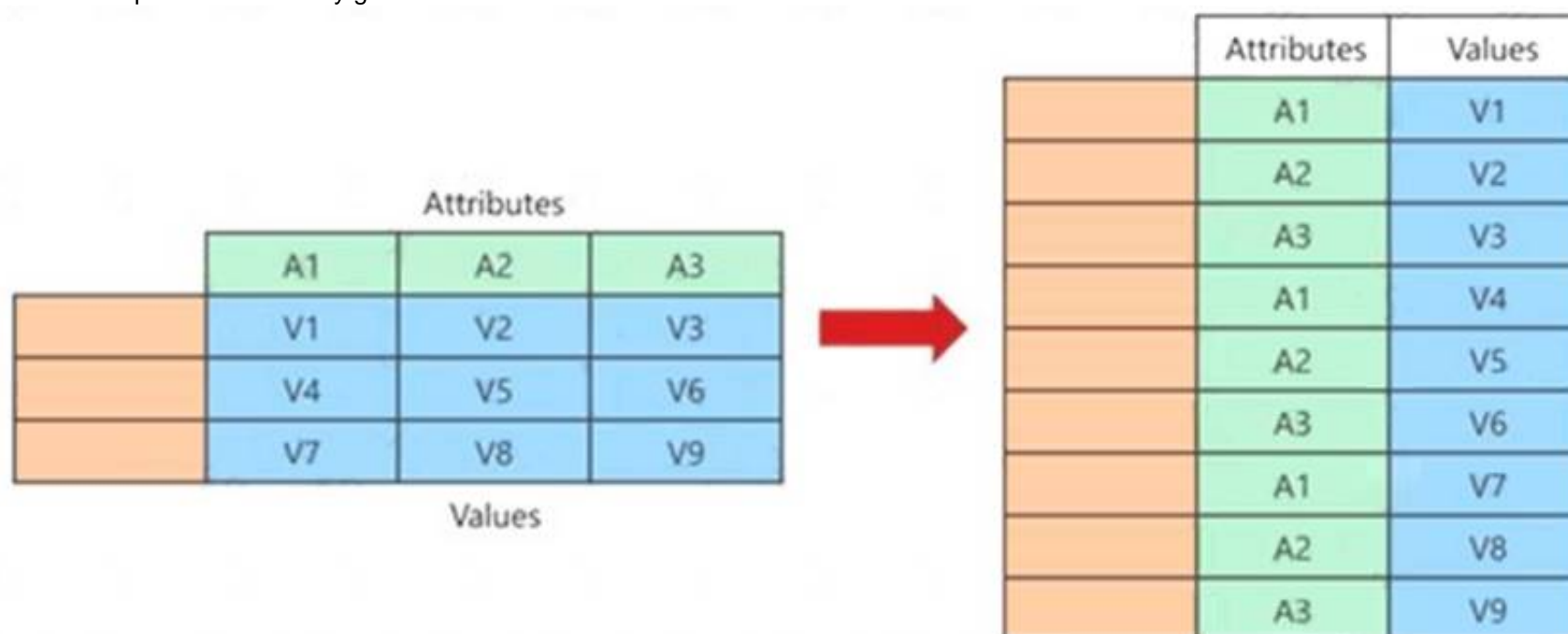
Step 2: Select Department and Product and Unpivot Other Columns

Unpivot Other Columns: This command unpivots unselected columns. Use this command in a query when not all columns are known. New columns added during a refresh operation are also unpivoted.

Step 3: Rename the Attribute column to Year and the Value column to Revenue.

You might want to unpivot data, sometimes called flattening the data, to put it in a matrix format so that all similar values are in one column. This is necessary, for example, to create a chart or a report.

Chart Description automatically generated with medium confidence



When you unpivot, you unpack the attribute-value pairs that represent an intersection point of the new columns and re-orient them into flattened columns:

Values (in blue on the left) are unpivoted into a new column (in blue on the right).

Attributes (in green on the left) are unpivoted into a new column (in green on the right) and duplicates are correspondingly mapped to the new Values column.

Reference:

<https://support.microsoft.com/en-us/office/unpivot-columns-power-query-0f7bad4b-9ea1-49c1-9d95-f588221c7>

### NEW QUESTION 35

- (Exam 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: D

### NEW QUESTION 37

- (Exam 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 38

- (Exam Topic 4)

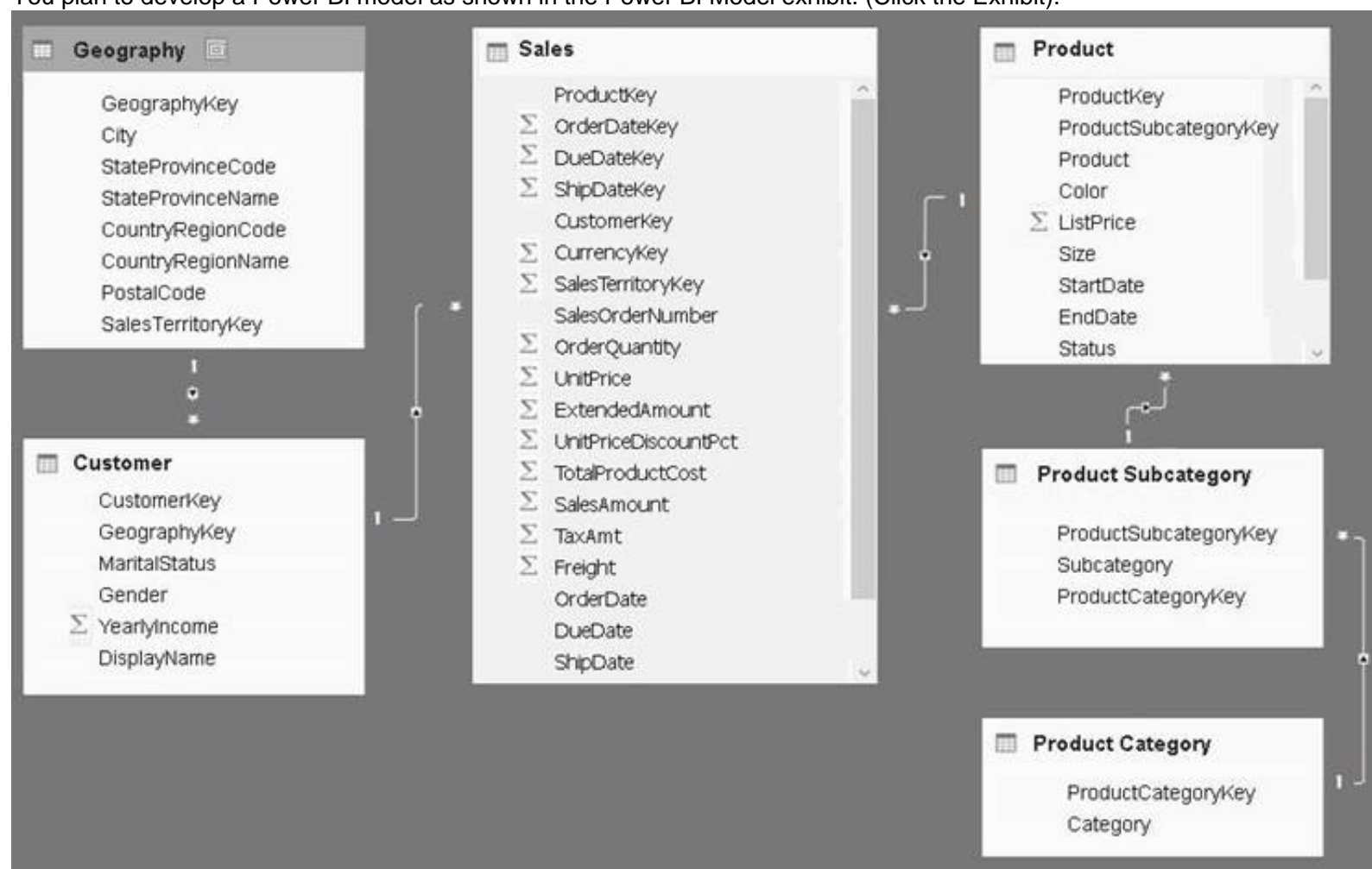
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario

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

<b>dimGeography</b> [GeographyKey] [City] [StateProvinceCode] [StateProvinceName] [CountryRegionCode] [EnglishCountryRegionName] [PostalCode] [SalesTerritoryKey] [IpAddressLocator]	<b>Sales</b> [ProductKey] [OrderDateKey] [DueDateKey] [ShipDateKey] [CustomerKey] [PromotionKey] [CurrencyKey] [SalesTerritoryKey] [SalesOrderNumber] [SalesOrderLineNumber] [OrderQuantity] [UnitPrice] [ExtendedAmount] [UnitPriceDiscountPct] [DiscountAmount] ProductStandardCost] [TotalProductCost] [SalesAmount] [TaxAmt] [Freight] [OrderDate] [DueDate] [ShipDate]	<b>dimProduct</b> [ProductKey] [ProductSubcategoryKey] [EnglishProductName] [Color] [ListPrice] [Size] [StartDate] [EndDate] [Status]
<b>dimCustomer</b> [CustomerKey] [GeographyKey] [DisplayName] [MaritalStatus] [Gender] [YearlyIncome]		<b>dimProductSubcategory</b> [ProductSubcategoryKey] [ProductSubcategoryAlternateKey] [EnglishProductSubcategoryName] [SpanishProductSubcategoryName] [FrenchProductSubcategoryName] [ProductCategoryKey]
		<b>dimProductCategory</b> [ProductCategoryKey] [ProductCategoryAlternateKey] [EnglishProductCategoryName] [SpanishProductCategoryName] [FrenchProductCategoryName]

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 drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.



Values

Table.Combine

Table.RemovedColumns

Table.RemoveRows

Table.RenameColumns

Table.ReorderColumns

Table.SelectColumns

Answer Area

```
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"
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, application Description automatically generated

References:

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

NEW QUESTION 40

- (Exam Topic 4)

You have a Microsoft Exert spreadsheet named Excel1 that contains survey results. You have a Power BI dashboard named DashboardA that has Q&A enabled. You need to ensure that users who can access DashboardA can ask Questions based on the contents of Excel 1 and pm visuals based on their queries to DashboardA. The solution must minimize development time.

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

From Excel, format the data in Excel1 as a table.

From powerbi.com, pin a range from Excel1 to DashboardA.

From Excel, create a named range by using the data in Excel1.

From powerbi.com, upload Excel1.

From powerbi.com, import Excel1 as a dataset.

From powerbi.com, add a tile for the Excel1 dataset to DashboardA.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

From Excel, format the data in Excel1 as a table.

From powerbi.com, pin a range from Excel1 to DashboardA.

From Excel, create a named range by using the data in Excel1.

From powerbi.com, upload Excel1.

From powerbi.com, import Excel1 as a dataset.

From powerbi.com, add a tile for the Excel1 dataset to DashboardA.

Answer Area

From powerbi.com, upload Excel1.

From powerbi.com, import Excel1 as a dataset.

From powerbi.com, add a tile for the Excel1 dataset to DashboardA.

NEW QUESTION 42

- (Exam 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 43**

- (Exam Topic 4)

You plan to develop a Power BI report that has a bar chart to display the number of customers by location. You have a table named Customer that has the following columns:

- Customer ID
- CustomerName
- Address
- City
- ProvState
- Country

You need to allow users to drill down by location. The report will display the number of each customer by Country, and drill down to ProvState, and then to City. How should you configure the drill down in the bar chart?

- A. In the Value field, add Countr
- B. In the Legend field, add ProvState at the top, followed by City.
- C. In the Legend field, add Countr
- D. In the Axis field, add ProvState at the top, followed by City.
- E. In the Axis field, add Country at the top, followed by ProvState, and then City.
- F. In the Value field, add Country at the top, followed by ProvState, and then City.

**Answer:** C

**Explanation:**

References:

<https://docs.microsoft.com/en-us/power-bi/guided-learning/visualizations#step-18> <https://docs.microsoft.com/en-us/power-bi/power-bi-visualization-drill-down>

**NEW QUESTION 47**

- (Exam Topic 4)

You need to create a visualization that compares revenue and cost over time. Which type of visualization should you use?

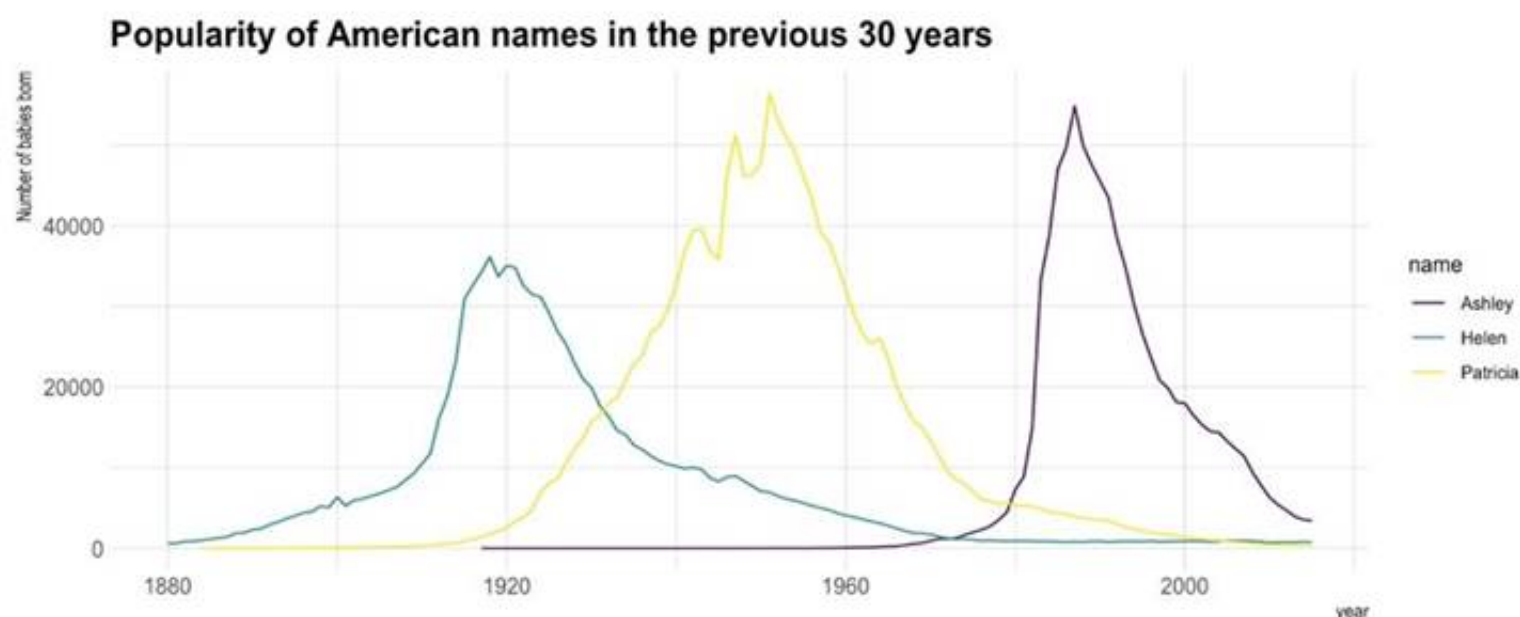
- A. stacked area chart
- B. donut chart
- C. line chart
- D. waterfall chart

**Answer:** C

**Explanation:**

A line chart or line graph displays the evolution of one or several numeric variables. Data points are connected by straight line segments. A line chart is often used to visualize a trend in data over intervals of time – a time series – thus the line is often drawn chronologically.

Example:



Reference:

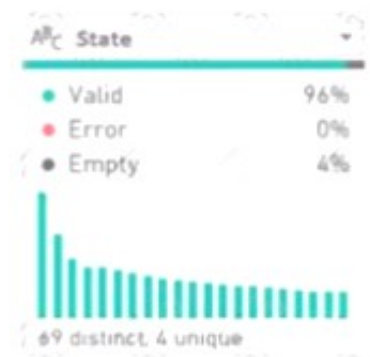
<https://www.data-to-viz.com/graph/line.html>

NEW QUESTION 49

- (Exam Topic 4)

You are profiling data by using Power Query Editor.

You have a table named Reports that contains a column named State. The distribution and quality data metrics for the data in State 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.

There are [answer choice] different values in State including nulls.

4
65
69
73

There are [answer choice] non-null values that occur only once in State.

4
65
69
73

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

There are [answer choice] different values in State including nulls.

4
65
69
73

There are [answer choice] non-null values that occur only once in State.

4
65
69
73

NEW QUESTION 54

- (Exam Topic 4)

The table has the following columns.



Name	Sample value
Date	2022-06-01
Year	2022
Month Number	6
Month Name	June
Year Month	2022 Jun

You need to add a column that will be used to sort the Year Month column chronologically.

Month Year Sort = [Year]  +

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Answer as.

Graphical user interface, application Description automatically generated

#### NEW QUESTION 57

- (Exam Topic 4)

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:** C

**Explanation:**

Note: Row-level security (RLS) with Power BI can be used to restrict data access for given users. Filters restrict data access at the row level, and you can define filters within roles. In the Power BI service, members of a workspace have access to datasets in the workspace. RLS doesn't restrict this data access.

Reference:

<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>

#### NEW QUESTION 62

- (Exam Topic 4)

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:** B

**Explanation:**

You can add synonyms to tables and columns.

Note: This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.

This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.

Reference:

<https://docs.microsoft.com/en-us/power-bi/natural-language/q-and-a-best-practices>

#### NEW QUESTION 64

- (Exam 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 Date table.
- 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 65**

- (Exam Topic 4)

You are creating a Microsoft Power BI imported data model to perform basket analysis. The goal of the analysis is to identify which products are usually bought together in the same transaction across and within sales territories.

You import a fact table named Sales as shown in the exhibit. (Click the Exhibit tab.)

Column name	Data type	Description
SalesRowID	Integer	ID of the row from the source system, which represents a unique combination of SalesOrderNumber and SalesOrderLineNumber
ProductKey	Integer	Surrogate key that relates to the product dimension
OrderDateKey	Integer	Surrogate key that relates to the date dimension and is in the YYYYMMDD format
OrderDate	Datetime	Date and time an order was processed
CustomerKey	Integer	Surrogate key that relates to the customer dimension
SalesTerritoryKey	Integer	Surrogate key that relates to the sales territory dimension
SalesOrderNumber	Integer	Unique identifier of an order
SalesOrderLineNumber	Integer	Unique identifier of a line within an order
OrderQuantity	Integer	Quantity of the product ordered
LineTotal	Decimal	Total sales amount of a line before tax
TaxAmt	Decimal	Amount of tax charged for the items on a specified line within an order
Freight	Decimal	Amount of freight charged for the items on a specified line within an order
LastModified	Datetime	The date and time that a row was last modified in the source system
AuditID	Integer	The ID of the data load process that last updated a row

The related dimension tables are imported into the model.

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 SalesRowID and AuditID columns can be removed from the model without impeding the analysis goals.

☐ ☐

Both the OrderDateKey and OrderDate columns are necessary to perform the basket analysis.

☐ ☐

The TaxAmt column must retain the current number of decimal places to perform the basket analysis.

☐ ☐

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Reference:

<https://finance-bi.com/power-bi-basket-analysis/>

**NEW QUESTION 70**

- (Exam Topic 4)

You are using the key influencers visual to identify which factors affect the quantity of items sold in an order. You add the following fields to the Explain By field:

- \* Customer Country
- \* Product Category
- \* Supplier Country
- \* Sales Employee

- \* Supplier Name
- \* Product Name
- \* Customer City

The key influencers visual returns the results shown in the following exhibit.



What can you identify from the visual?

- A. Customers in Austria order 18.8 more units than the average order quantity.
- B. Customers in Boise order 20.37 percent more than the average order quantity.
- C. Product Category positively influences the quantity per order.
- D. Customers in Cork order lower quantities than average.

**Answer:** A

### NEW QUESTION 73

- (Exam Topic 4)

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:** A

### Explanation:

Each customer can have many transactions.

For each transaction there is exactly one customer.

### NEW QUESTION 78

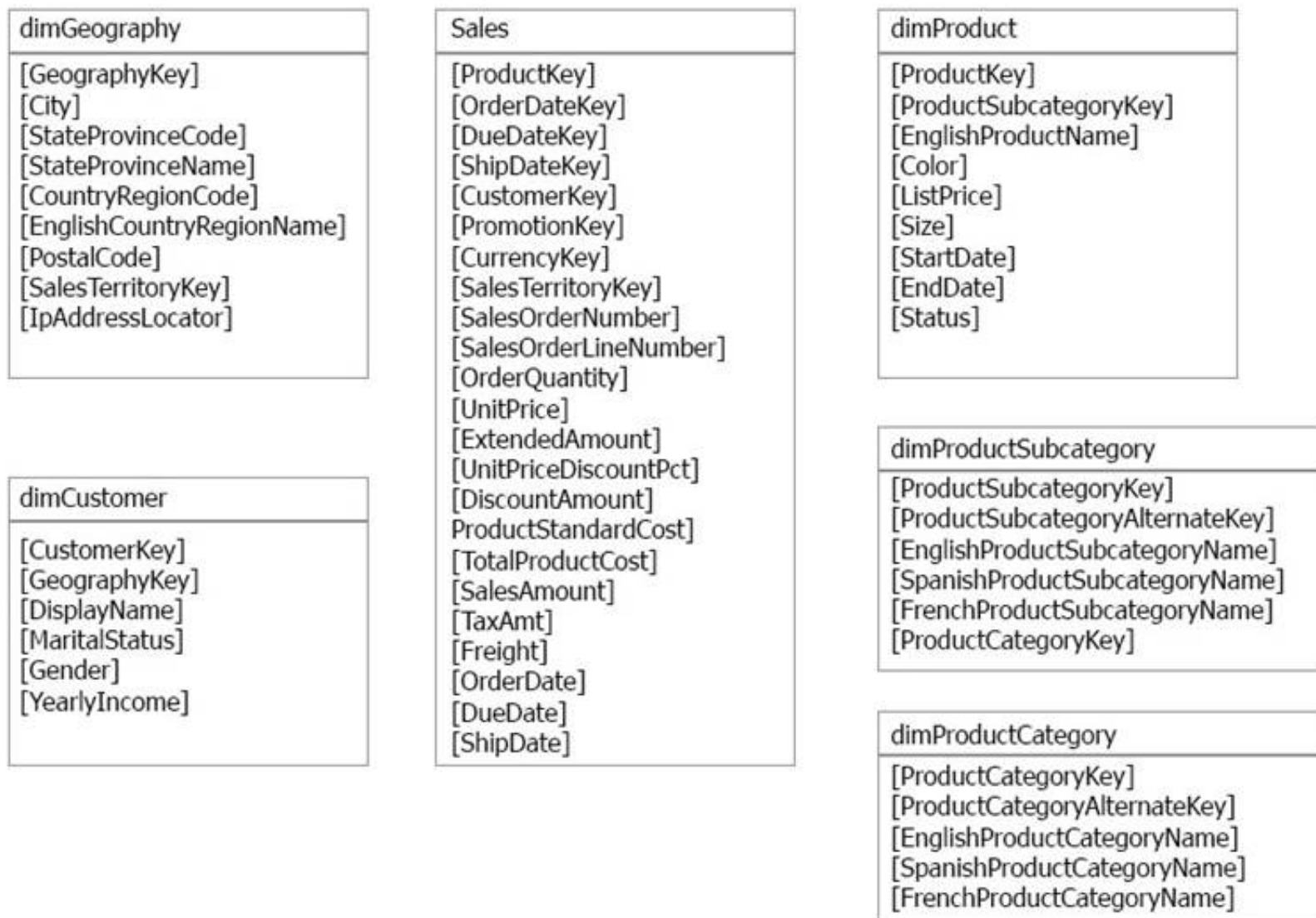
- (Exam Topic 4)



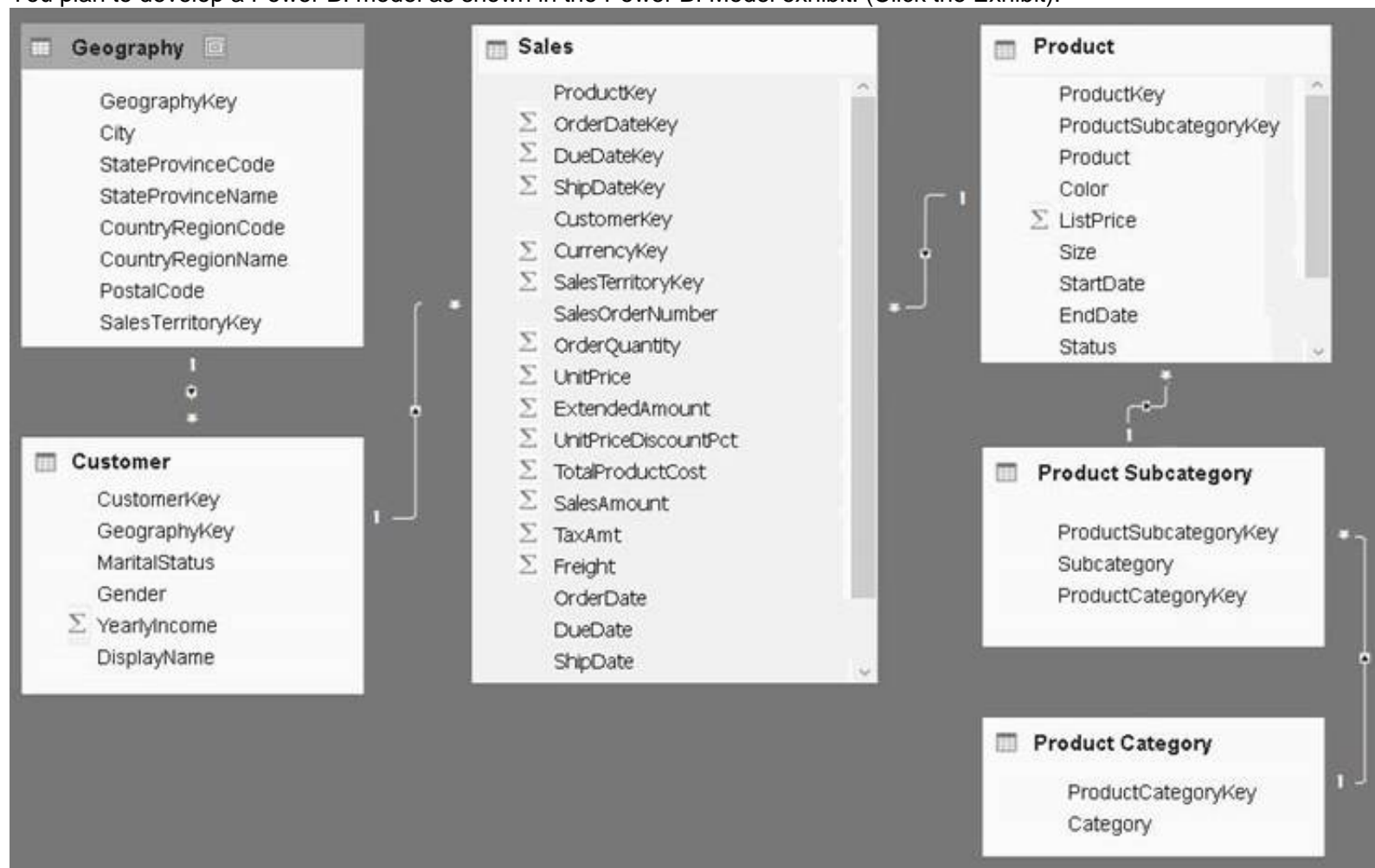
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

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 add a new column to the Product Subcategory table that uses the following formula.

=if [Subcategory] =null then "NA" else [Subcategory] Which command should you use in Query Editor?

- A. Column From Examples
- B. Custom Column
- C. Invoke Custom Function
- D. Conditional Column

**Answer: D**

**Explanation:**

References:

<http://community.powerbi.com/t5/Desktop/if-then-else/td-p/117999>

#### NEW QUESTION 82

- (Exam 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 85

- (Exam Topic 4)

You have a Microsoft Excel file in a Microsoft OneDrive folder. The file must be imported to a Power Bi dataset

You need to ensure that the dataset can be refreshed in powerbi.com.

Which two connectors can you use to connect to the file? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Text/CSV
- B. Folder
- C. Excel Workbook
- D. SharePoint folder
- E. Web

**Answer: DE**

#### Explanation:

- Copy and edit Path of the Excel file then use "Web" Connector: Option E
- Copy and edit Path of the OneDrive folder then use "Sharepoint Folder" connector: Option D Source: <https://www.youtube.com/watch?v=GGHbbg6yi-A>

#### NEW QUESTION 89

- (Exam 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 92

- (Exam 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 93**

- (Exam 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 94**

- (Exam 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:** DE

**NEW QUESTION 99**

- (Exam 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:**

Table Description automatically generated

**NEW QUESTION 102**

- (Exam Topic 4)

You have a Power BI dashboard that monitors the quality of manufacturing processes. The dashboard contains the following elements:

- A line chart that shows the number of defective products manufactured by day.
- A KPI visual that shows the current daily percentage of defective products manufactured. You need to be notified when the daily percentage of defective products manufactured exceeds 3%. What should you create?

- A. a Q&A visual
- B. a subscription
- C. a smart narrative visual
- D. an alert

**Answer:** D

**NEW QUESTION 107**

- (Exam 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.TrasformRows function.
- B. In the Store table query, use the Table.TrasformRows function.
- C. In the Store table query, use the Table.TrasformColumnTypes function.
- D. In the Order table query, use the Table.TrasformColumnTypes function.

Answer: C

#### NEW QUESTION 108

- (Exam 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 m 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: B

#### NEW QUESTION 112

- (Exam Topic 4)  
You have a Microsoft Excel workbook that contains two tables.  
From Power BI, you create a dashboard that displays data from the tables.  
You update the tables each day.  
You need to ensure that the virtualizations in the dashboard are updated daily.  
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to answer area and arrange them in the correct order.

Actions

For each dataset, modify the Schedule Refresh settings.

Download and install an on-premises data gateway (personal).

For each dataset, modify the Gateway Connection settings.

Add subscriptions for the reports.

Download and install Power BI Desktop.

Answer Area

>

<

>

<

- A. Mastered
- B. Not Mastered

Answer: A

#### Explanation:

Graphical user interface, text, application, email Description automatically generated  
References: <https://docs.microsoft.com/en-us/power-bi/refresh-scheduled-refresh>

#### NEW QUESTION 113

- (Exam 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:** A

**Explanation:**

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

#### NEW QUESTION 117

- (Exam Topic 4)

You have the dataset shown in the following exhibit.



City	Sales Profit
Abbottsburg	\$173,947
Absecon	\$129,358
Accomac	\$157,768
Aceitunas	\$119,283
Airport Drive	\$162,500
Akhiok	\$259,554
Alcester	\$127,040
Alden Bridge	\$152,138
Alstead	\$106,147
Amado	\$136,718
Amanda Park	\$117,444
Andrix	\$130,710
Annamoriah	\$139,499
Antares	\$147,562
Antonio	\$113,056
<b>Total</b>	<b>\$85,729,181</b>

You need to ensure that the visual shows only the 10 cities that have the highest sales profit. What should you do?

- A. Add a Top N filter to the visual.
- B. Configure the Sales Profit measure to use the RANKX function.
- C. Add a calculated column to the table that uses the TOPN function.
- D. In the visual, replace Sales Profit with the calculated column.
- E. Add a calculated column to the table that returns the city name if the city is in the top 10, otherwise the calculated column will return "Not in Top 10". In the visual, replace Sales Profit with the calculated column.

**Answer:** A

**Explanation:**

Power BI Top N Filters are useful to display the top performing records, and Bottom N filters are helpful to display the least performing records. For example, we can display top or bottom 10 products by orders or sales.

Note:

- > Select the Column you want to display the Top Sales Profit
- > Then change the Filter Type of that Column to Top N
- > Fill in Top / Bottom number field
- > And lastly drag to the By Value field your Sales Profit Reference:

<https://www.tutorialgateway.org/power-bi-top-10-filters/>

#### NEW QUESTION 120

- (Exam 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:** D

#### NEW QUESTION 124

- (Exam 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 Microsoft Excel workbook that is saved to Microsoft SharePoint Online. The workbook contains several Power View sheets. You need to recreate the Power View sheets as reports in the Power BI service. Solution: Copy the workbook to Microsoft OneDrive for Business. From Excel, click Publish to Power BI, and then click Upload Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 128

- (Exam Topic 4)

Exhibit:

Year	Month	Sales	Profit
2019	Sep	552	357
2020	Oct	7838	24214
2021	Nov	83544	257
2022	Dec	32455	389

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

Rename the Attribute column as Year and the Value column as Sales.

Select the 2019, 2020, and 2021 columns.

Select Transpose.

Select the Month and MonthNumber columns.

Select Unpivot other columns.

Answer Area

1

2

3

(

(

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Rename the Attribute column as Year and the Value column as Sales.

Select the 2019, 2020, and 2021 columns.

Select Transpose.

Select the Month and MonthNumber columns.

Select Unpivot other columns.

Answer Area

1 Select Transpose.

2 Select the Month and MonthNumber columns.

3 Select Unpivot other columns.

(

(

NEW QUESTION 130

- (Exam 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.

Actions

Pin the page.

Open the Sales report.

Open Power BI Desktop.

Pin each visual.

Open powerbi.com

Create a new report.

Answer Area

1

2

3

(

(

- A. Mastered

B. Not Mastered

Answer: A

Explanation:



#### NEW QUESTION 135

- (Exam 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:

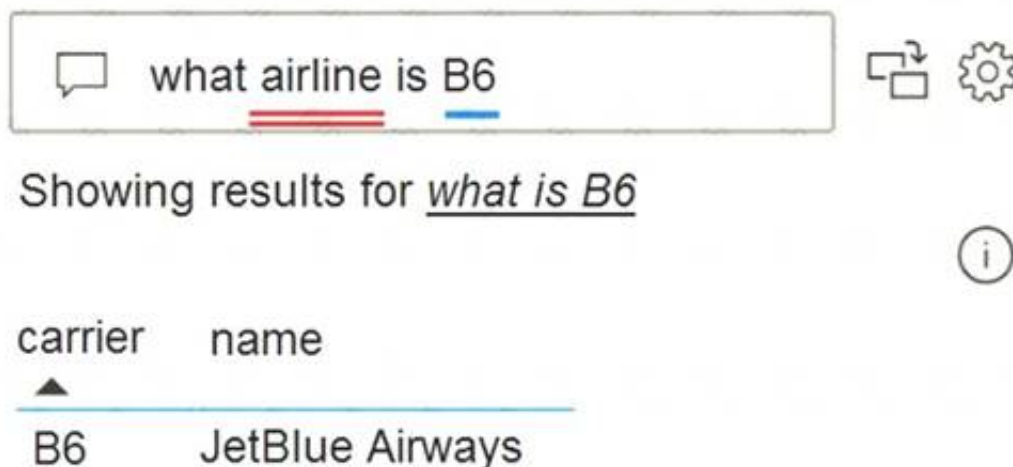
Reference:

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

#### NEW QUESTION 137

- (Exam Topic 4)

You have a Q&A visual that displays information from a table named Carriers as shown in the following exhibit.



You need to ensure that users can ask questions by using the term airline or carrier. The solution must minimize changes to the data model. What should you do?

- A. Add a duplicate query named Airline.
- B. Add airline as a synonym of carrier.
- C. Rename the carrier column as airline in the Carriers query.
- D. Rename the query from Carriers to airlines.

Answer: B

Explanation:

Add synonyms to tables and columns: This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.

This step can be important. Even with straightforward table and column names, users of Q&A ask questions using the vocabulary that first comes to them. They're not choosing from a predefined list of columns. The more sensible synonyms you add, the better your users' experience is with your report.

Reference:

<https://docs.microsoft.com/en-us/power-bi/natural-language/q-and-a-best-practices>

#### NEW QUESTION 138

- (Exam Topic 4)

You need to create a Power BI report. The first page or the report must contain the following two views:

- \* Sales By Postal Code
- \* Sales by Month

Both views must display a slicer to select a value for a field named Chain.

The Sales By Postal Code view must display a map visual as shown in the following exhibit.

Answer Area

Minimum number of bookmarks:

1

2

3

4

Property:

Data

Display

Current page

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Minimum number of bookmarks:

1

2

3

4

Property:

Data

Display

Current page

NEW QUESTION 142

- (Exam 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 143

- (Exam Topic 4)

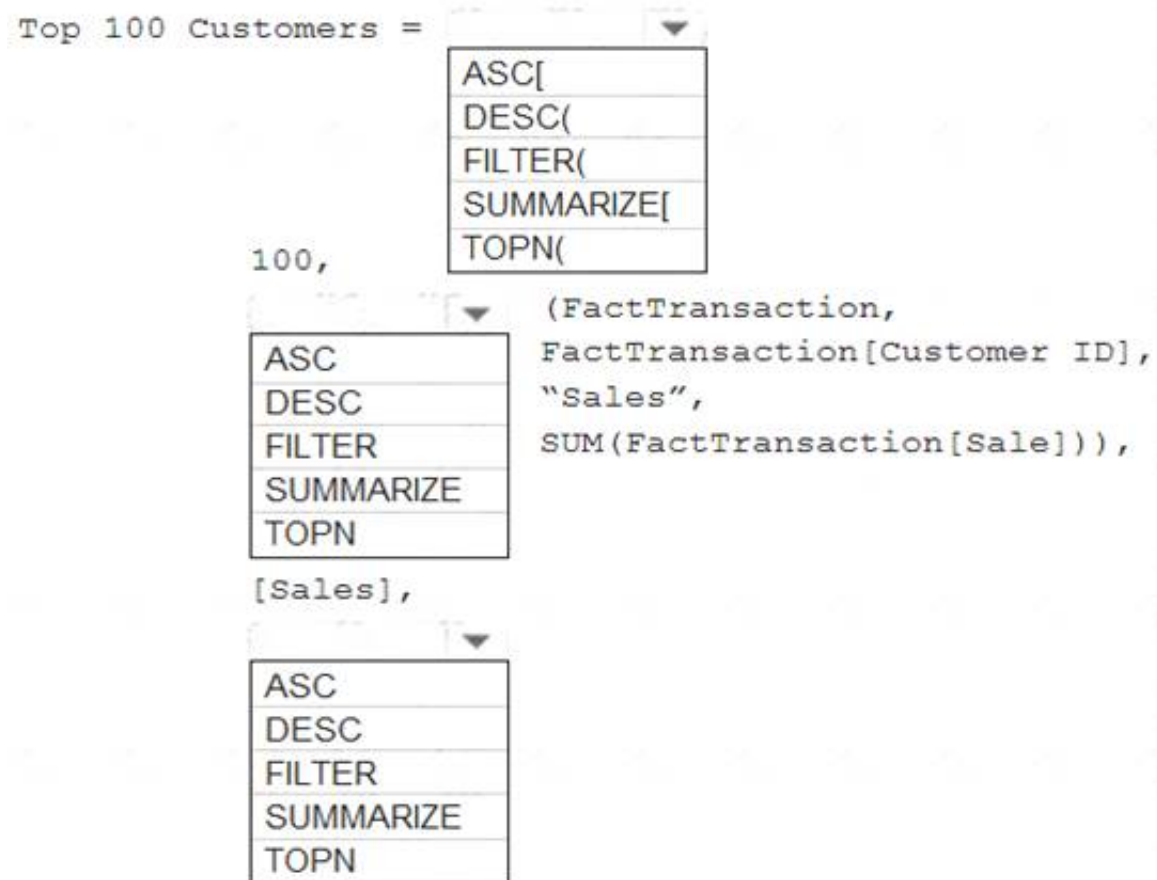
You have a Power BI report.

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.





- 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>]]...]) Reference:

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

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

**NEW QUESTION 148**

- (Exam Topic 4)

You have a Power BI report. The report contains a visual that shows gross sales by date. The visual has anomaly detection enabled.

No anomalies were detected.

You need to increase the likelihood that anomaly detection will identify anomalies in the report. What should you do?

- A. Add a data field to the Secondary values field well
- B. Increase the Sensitivity setting.
- C. Increase the Expected range transparency setting.
- D. Add a data field to the Legend field well

**Answer:** B

**Explanation:**

If you increase the sensitivity, the algorithm is more sensitive to changes in your data. In that case, even a slight deviation is marked as an anomaly. If you decrease the sensitivity, the algorithm is more selective on what it considers an anomaly. reference:

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

**NEW QUESTION 152**

- (Exam Topic 4)

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	Answer Area
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.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions
Create a product hierarchy of Manufacturer, ProductSpecifications, ProductName, ProductSubcategory, and ProductCategory.
3 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.
1 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.
2 Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications.

NEW QUESTION 154

- (Exam Topic 4)  
You have a Microsoft Power BI data model that contains three tables named Orders, Date, and City. There is a one-to-many relationship between Date and Orders and between City and Orders.  
The model contains two row-level security (RLS) roles named Role1 and Role2. Role1 contains the following filter.  
City[State Province] = "Kentucky"  
Role2 contains the following filter. Date[Calendar Year] = 2020  
If a user is a member of both Role1 and Role2, what data will they see in a report that uses the model?

- A. The user will see data for which the State Province value is Kentucky and the Calendar Year is 2020.
- B. The user will see data for which the State Province value is Kentucky or the Calendar Year is 2020.
- C. The user will see only data for which the State Province value is Kentucky.
- D. The user will receive an error and will not be able to see the data in the report.

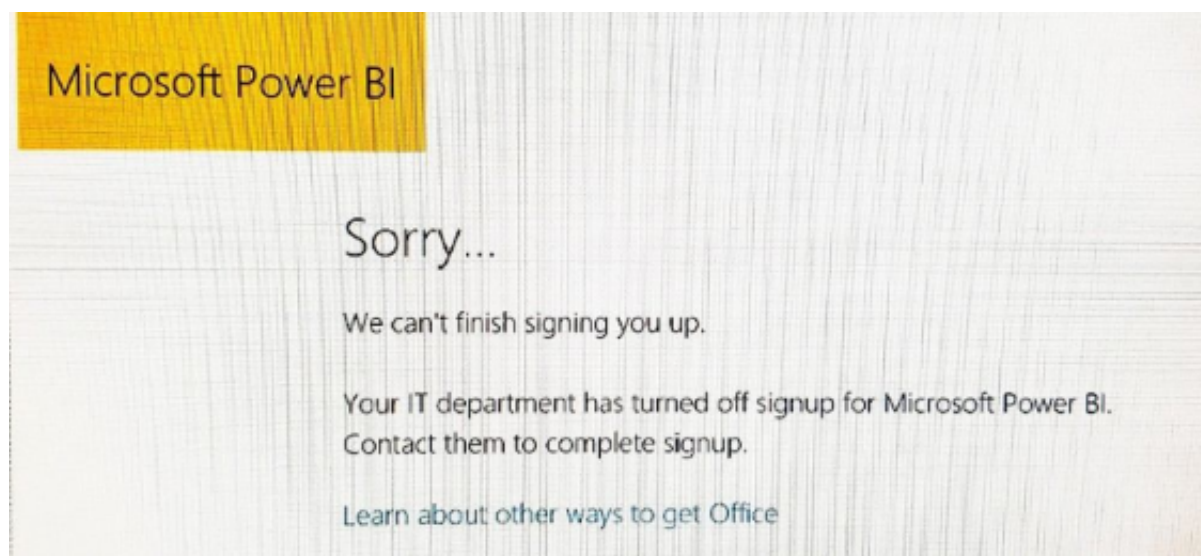
Answer: B

Explanation:

When a report user is assigned to multiple roles, RLS filters become additive. It means report users can see table rows that represent the union of those filters.  
Reference:  
<https://docs.microsoft.com/en-us/power-bi/guidance/rls-guidance>

NEW QUESTION 155

- (Exam Topic 4)  
Your organization has a team of power users who recently created 20 Power BI dashboards.  
The power users share the dashboards with other users in the organization.  
When the users attempt to access the dashboards, they receive the error message shown in the exhibit. (Click the Exhibit.)



You need to ensure that all the users can access the dashboards. What should you do first?

- A. From the Microsoft Office 365 Admin center, and the Power BI (free) subscription, and then assign a license to each user.
- B. From the Power BI Admin portal, modify the Privacy Settings.
- C. From the properties of each dashboard, modify the Share dashboard settings.
- D. Instruct each user to install Microsoft Office 2016.

**Answer:** A

**Explanation:**

References:

<http://www.nubo.eu/en/blog/2016/12/Enable-PowerBI-On-Office-365/>

#### NEW QUESTION 157

- (Exam Topic 4)

You are building a Power BI report that uses data from an Azure SQL database named erp1. You Import the following tables.

Name	Description
Products	Contains the product catalog
Orders	Contains high-level information about orders
Order Line Items	Contains the product ID, quantity, and price details of an order

You need to perform the following analyses:

- Orders sold over time that include a measure of the total order value
- Orders by attributes of products sold

The solution must minimize update times when interacting with visuals in the report. What should you do first?

- A. From Power Query, merge the Orders query and the Order Line Hems query.
- B. Calculate the count of orders per product by using a DAX function.
- C. Create a calculated column that adds a list of product categories to the Orders table by using a DAX function.
- D. From Power Query, merge the Order Line Items query and the Products query.

**Answer:** D

**Explanation:**

<https://www.sqlbi.com/articles/header-detail-vs-star-schema-models-in-tabular-and-power-bi/>

#### NEW QUESTION 158

- (Exam 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 160

- (Exam 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

#### NEW QUESTION 165

- (Exam Topic 4)

You have a Power BI table named Customer that contains a field named Email Address. You discover that multiple records contain the same email address.

You need to create a calculated column to identify which records have duplicate email addresses.

How should you complete the OAX expression for the calculated column? 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 drag the split bar between panes or scroll to view content

NOTE: Each correct selection is worth one point.

Values

Answer Area

Count Email =  
VAR Email = [Email Address]  
RETURN  
(Customer),  
(Customer),  
Customer[Email Address] = Email  
)

- A. Mastered  
B. Not Mastered

Answer: A

#### Explanation:

Values

Answer Area

Count Email =  
VAR Email = [Email Address]  
RETURN  
CALCULATE  
SUM (Customer),  
SUMX (Customer),  
Customer[Email Address] = Email  
)

#### NEW QUESTION 169

- (Exam Topic 4)

You have a Power BI dashboard that displays different visualizations of company sales. You enable Q&A on the dashboard.

You need to provide users with sample questions that they can ask when using Q&A. Which settings should you modify from the Power BI Settings?

- A. Subscriptions  
B. Dashboards  
C. Datasets  
D. Workbooks

Answer: C

#### Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/service-q-and-a-create-featured-questions>

#### NEW QUESTION 173

- (Exam Topic 4)

You import a Power BI dataset that contains the following tables:

- Date
- Product
- Product Inventory

The Product Inventory table contains 25 million rows. A sample of the data is shown in the following table.

ProductKey	DateKey	MovementDate	UnitCost	UnitsIn	UnitsOut	UnitsBalance
167	20101228	28-Dec-10	0.19	0	0	875
167	20101229	29-Dec-10	0.19	0	0	875
167	20110119	19-Jan-11	0.19	0	0	875
167	20110121	21-Jan-11	0.19	0	0	875
167	20110122	22-Jan-11	0.19	0	0	875

The Product Inventory table relates to the Date table by using the DateKey column. The Product inventory table relates to the Product table by using the ProductKey column. You need to reduce the size of the data model without losing information. What should you do?

- A. Change Summarization for DateKey to Don't Summarize.  
B. Change the data type of UnitCost to Integer.  
C. Remove the relationship between Date and Product Inventory.  
D. Remove MovementDate.

Answer: D

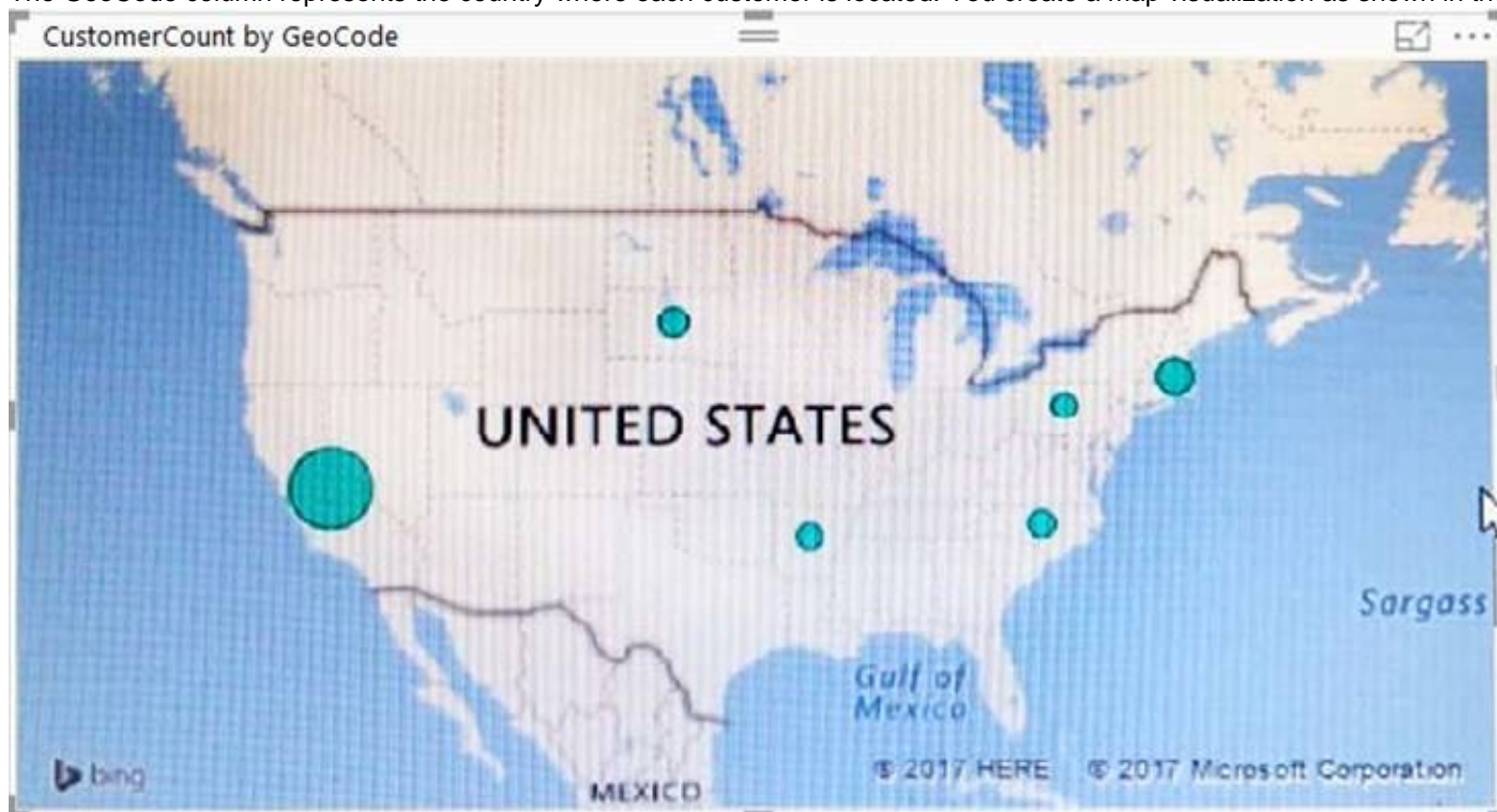
#### NEW QUESTION 174

- (Exam Topic 4)

You have the following table named Location.

GeoCode	CustomerCount
CA	9530
AR	540
MA	2300
SD	1200
PA	340
NC	890

The GeoCode column represents the country where each customer is located. You create a map visualization as shown in the exhibit. (Click the Exhibit tab.)



You need to ensure that the map displays the country locations. What should you do?

- A. Replace the values in the GeoCode column with postal codes or zip codes.
- B. Change the name of the GeoCode column to Country.
- C. Change the name of the Location table to Country.
- D. Change the Default Summarization of the GeoCode column.
- E. Add a Geoportal column to the Location table.
- F. Change the Data Type of the GeoCode column.

**Answer: B**

#### Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-map-tips-and-tricks>

#### NEW QUESTION 176

- (Exam Topic 4)

You have a report that contains a donut chart and a clustered column chart. Interactions between the visuals use the default settings.

You need to modify the report so that when you select a column in the column chart, the donut chart redraws by using the data from the selected column.

What should you do?

- A. Select the column chart and set the donut chart interaction to None.
- B. Select the column chart and set the donut chart interaction to Filter.
- C. Select the donut chart and set the column chart interaction to Filter.
- D. Select the donut chart and set the column chart interaction to None.

**Answer: C**

#### NEW QUESTION 178

- (Exam 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?

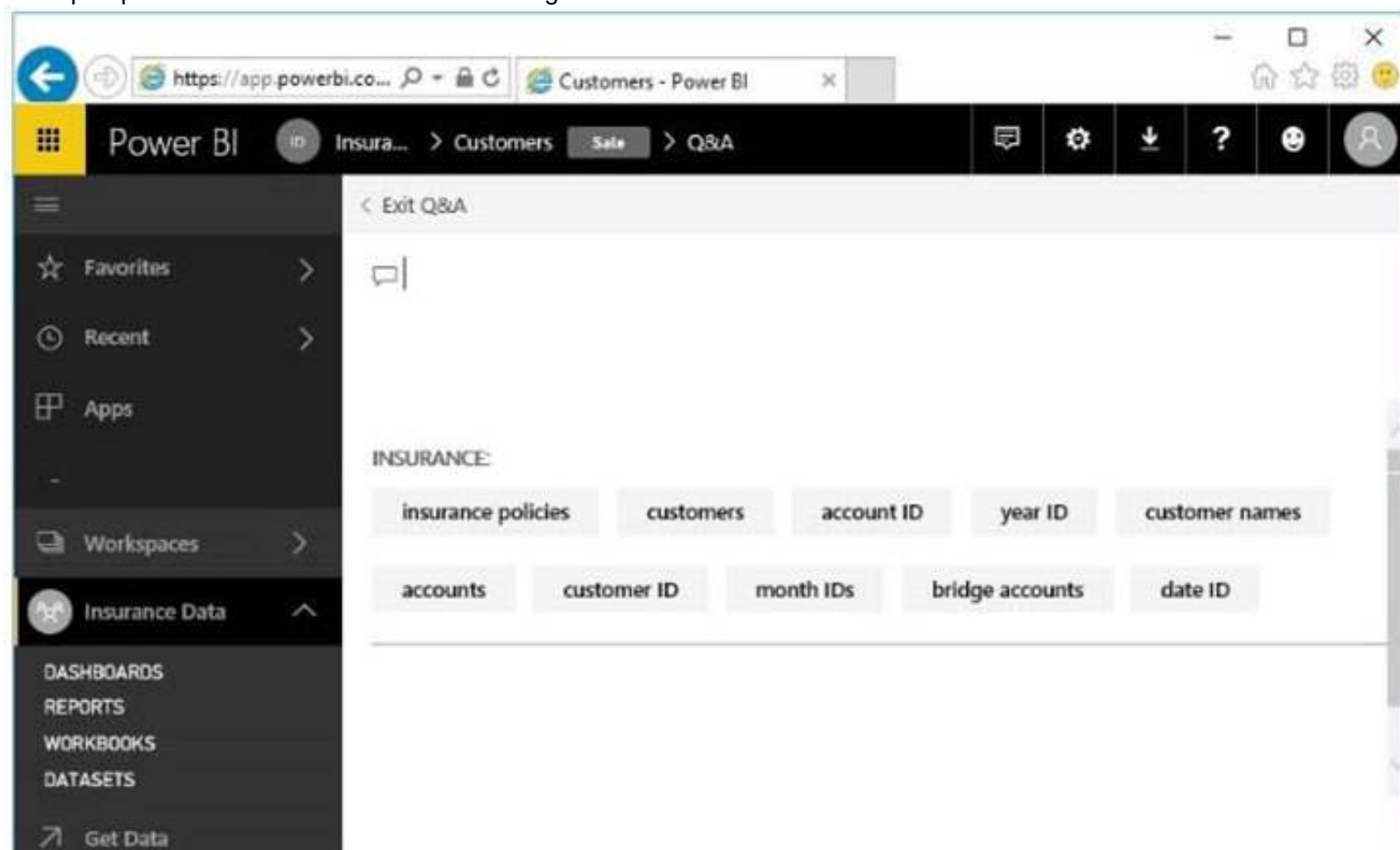
- A. Set an alert on a KPI visual in the report.
- B. Pin a card visual to a dashboard and create a subscription.
- C. Pin a card visual to a dashboard and set an alert on the tile.
- D. Pin a report page to a dashboard and set an alert on the page.

**Answer: A**

## NEW QUESTION 179

- (Exam Topic 4)

You open powerbi.com as 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 tenant administrator created a data classification that has a shorthand of [answer choice].



The dashboard uses a dataset named [answer choice].



- A. Mastered
- B. Not Mastered

**Answer: A**

### Explanation:

Graphical user interface, text, application, Word, email Description automatically generated

References: <https://docs.microsoft.com/en-us/power-bi/service-data-classification>

## NEW QUESTION 182

- (Exam Topic 4)

You have the Power BI data model shown in the following exhibit.





Table Filter DAX Expression

[Country]= "USA"

[Email]= userprincipalname()

[Manager]= "CFO"

False()

True()

Answer Area

Human Resources: 

DAX Expression

Country: 

DAX Expression

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Table Filter DAX Expression

[Country]= "USA"

[Email]= userprincipalname()

[Manager]= "CFO"

False()

True()

Answer Area

Human Resources: 

[Manager]= "CFO"

Country: 

True()

NEW QUESTION 183

- (Exam Topic 4)

You have a Power BI report that contains three pages named Page1, Page2, and Page3. All the pages have the same slicers. You need to ensure that all the filters applied to Page1 apply to Page1 and Page3 only. What should you do?

- A. Sync the slicers on Page1 and Page3
- B. On each page, modify the interactions of the slicer.
- C. Enable visibility of the slicers on Page1 and Page3. Disable visibility of the slicer on Page2.

Answer: B

NEW QUESTION 186

- (Exam 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 model that contains two tables named Sales and Date. Sales contains four columns named TotalCost, DueDate, ShipDate, and OrderDate. Date contains one column named Date. The tables have the following relationships:

- > Sales[DueDate] and Date[Date]
- > Sales[ShipDate] and Date[Date]
- > Sales[OrderDate] and Date[Date]

The active relationship is on Sales[DueDate]. You need to create measures to count the number of orders by [ShipDate] and the orders by [OrderDate]. You must meet the goal without duplicating data or loading additional data. Solution: You create measures that use the CALCULATE, COUNT, and USERELATIONSHIP DAX functions. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

References:  
https://docs.microsoft.com/en-us/dax/calculate-function-dax https://docs.microsoft.com/en-us/dax/count-function-dax https://docs.microsoft.com/en-us/dax/userelationship-function-dax

#### NEW QUESTION 188

- (Exam Topic 4)

You have an Azure SQL database that contains sales transactions. The database is updated frequently.

You need to generate reports from the data to detect fraudulent transactions. The data must be visible within five minutes of an update.

How should you configure the data connection?

- A. Add a SQL statement.
- B. Set Data Connectivity mode to DirectQuery.
- C. Set the Command timeout in minutes setting.
- D. Set Data Connectivity mode to Import.

**Answer: B**

#### Explanation:

With Power BI Desktop, when you connect to your data source, it's always possible to import a copy of the data into the Power BI Desktop. For some data sources, an alternative approach is available: connect directly to the data source using DirectQuery.

DirectQuery: No data is imported or copied into Power BI Desktop. For relational sources, the selected tables and columns appear in the Fields list. For multi-dimensional sources like SAP Business Warehouse, the dimensions and measures of the selected cube appear in the Fields list. As you create or interact with a visualization, Power BI Desktop queries the underlying data source, so you're always viewing current data.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-use-directquery>

#### NEW QUESTION 192

- (Exam Topic 4)

A business intelligence (BI) developer creates a dataflow in Power BI that uses DirectQuery to access tables from an on premises Microsoft SQL server. The Enhanced Dataflows Compute Engine is turned on for the dataflow.

You need to use the dataflow in a report. The solution must meet the following requirements:

- Minimize online processing operations.
- Minimize calculation times and render times for visuals.
- include data from the current year, up to and including the previous day. What should you do?

- A. Create a dataflows connection that has Import mode selected and schedule a dairy refresh.
- B. Create a dataflows connection that has DirectQuery mode selected.
- C. Create a dataflows connection that has DirectQuery mode selected and configure a gateway connection for the dataset
- D. Create a dataflows connection that has Import mode selected and create a Microsoft Power Automate solution to refresh the data hourly.

**Answer: A**

#### NEW QUESTION 194

- (Exam 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 198**

- (Exam 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.  
Reference:  
<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-relationships-understand>

NEW QUESTION 199

- (Exam 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 202

- (Exam Topic 4)

You are creating a Power BI report by using Power Bi Desktop.

You need to include a visual that shows trends and other useful information automatically. The visual must update based on selections in other visuals.

Which type of visual should you use?

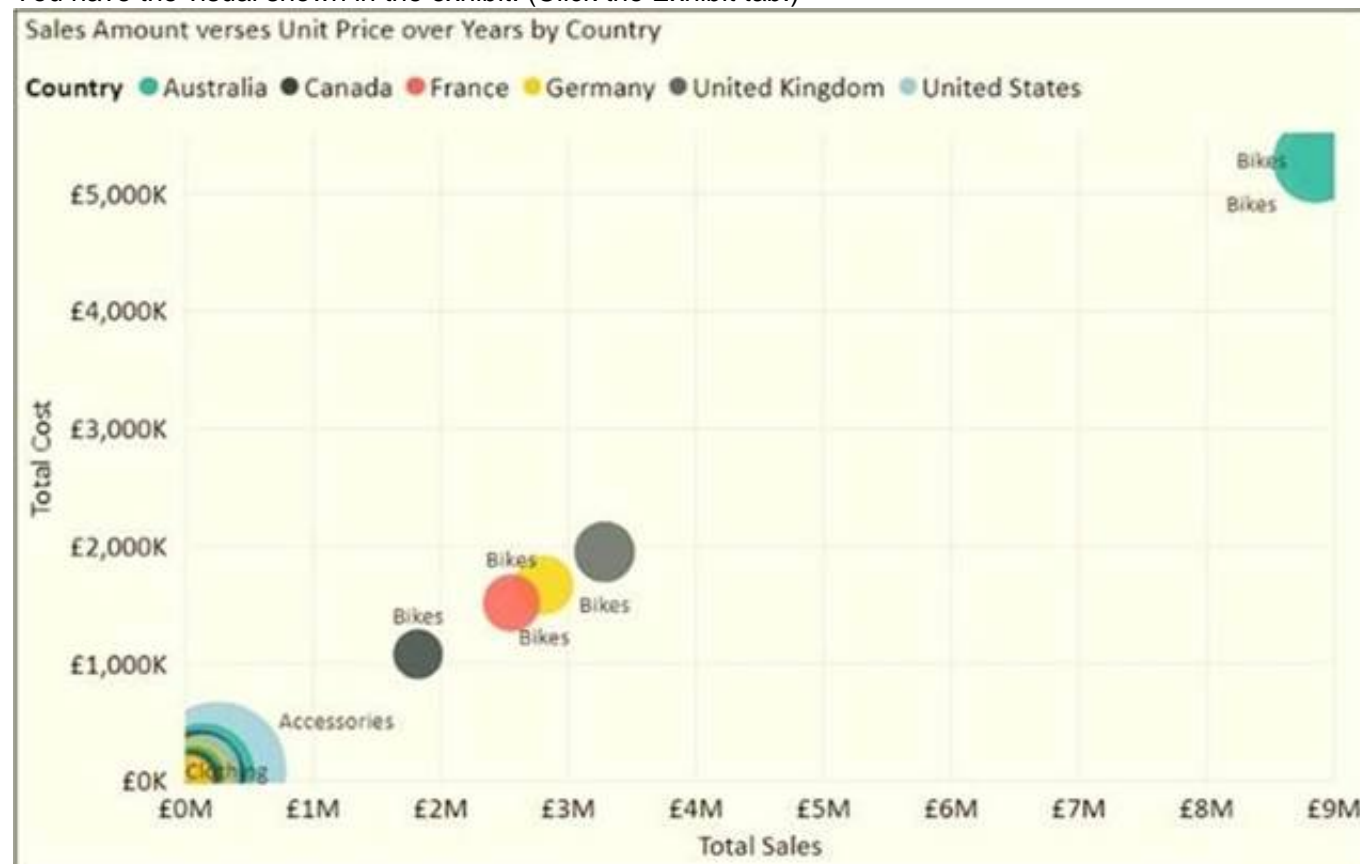
- A. key influencers
- B. decomposition tree
- C. Q&A
- D. smart narrative

**Answer:** A

#### NEW QUESTION 203

- (Exam Topic 4)

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



You need to show the relationship between Total Cost and Total Sales over time. What should you do?

- A. Add a play axis.
- B. Add a slicer for the year.
- C. From the Analytics pane, add an Average line.
- D. Create a DAX measure that calculates year-over-year growth.

**Answer:** A

#### Explanation:

You can set up a date field in play axis, and then scatter chart will animate how measure values are compared to each other in each point of a time.

Reference:

<https://radacad.com/storytelling-with-power-bi-scatter-chart>

#### NEW QUESTION 204

- (Exam 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 209

- (Exam 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 query for a table named Sales. Sales has a column named CustomerID. The Data Type of CustomerID is Whole Number.

You refresh the data and find several errors. You discover that new entries in the Sales table contain nonnumeric values.

You need to ensure that nonnumeric values in the CustomerID column are set to 0. Solution: From Query Editor, select the CustomerID column and click Remove Errors. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 214

- (Exam 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 spirt bar between panes or scroll to view content

NOTE: Each correct selection is worth one point

DAX Function

ALL

ALLSELECTED

CALCULATE

FILTER

SELECTEDVALUE

Answer Area

Percent of Product Sales =

VAR ProductSales = SUM ('Sales'[Sales])

VAR AllSales =

Function (SUM ('Sales'[Sales])), Function ('Products'[Product]))

RETURN

DIVIDE (ProductSales, AllSales)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

DAX Function

ALL

ALLSELECTED

CALCULATE

FILTER

SELECTEDVALUE

Answer Area

Percent of Product Sales =

VAR ProductSales = SUM ('Sales'[Sales])

VAR AllSales =

CALCULATE (SUM ('Sales'[Sales]), FILTER ('Products'[Product]))

RETURN

DIVIDE (ProductSales, AllSales)

NEW QUESTION 218

- (Exam 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 the 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 219

- (Exam 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.

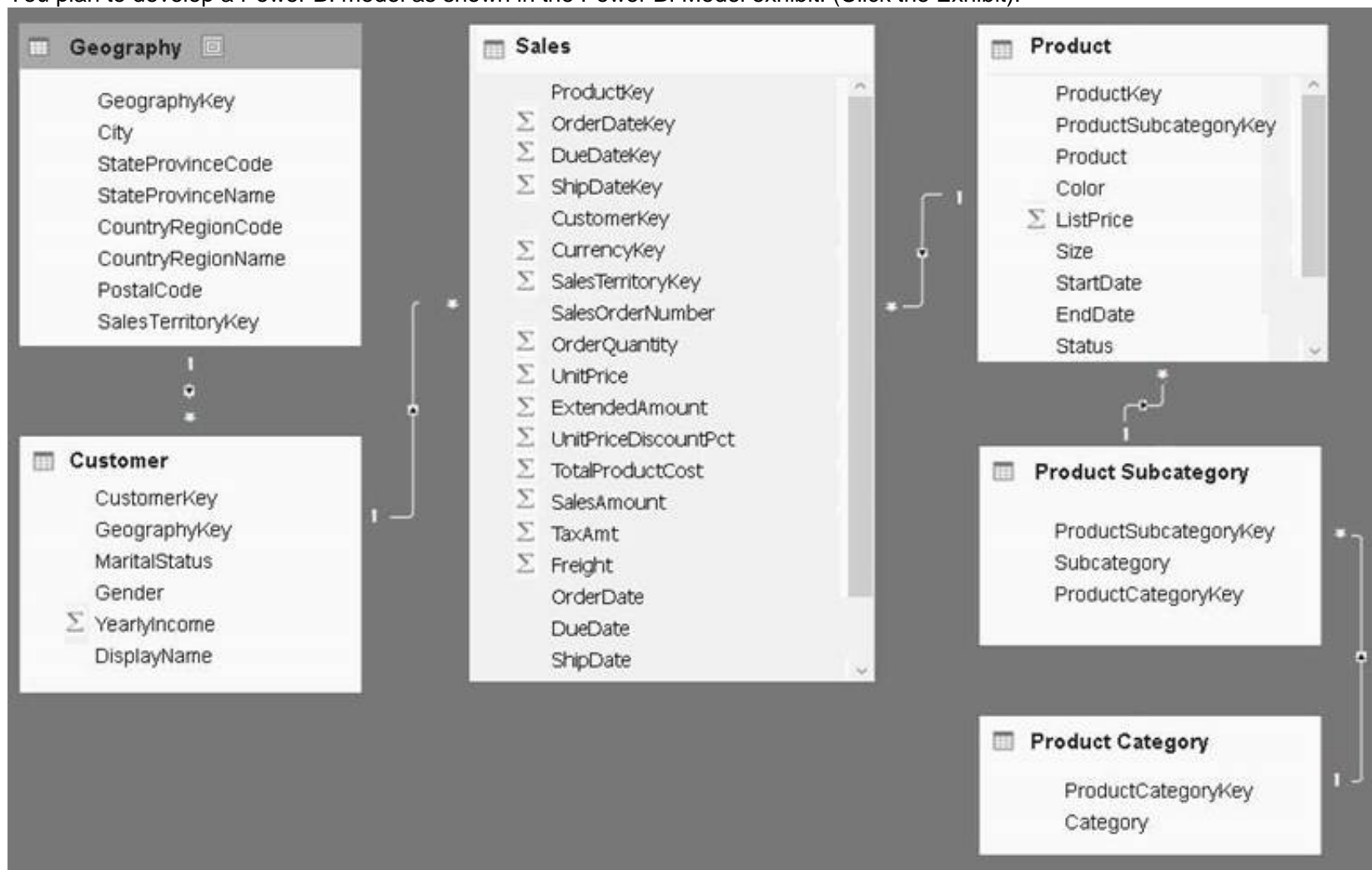
Start of repeated scenario

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



<b>dimGeography</b> [GeographyKey] [City] [StateProvinceCode] [StateProvinceName] [CountryRegionCode] [EnglishCountryRegionName] [PostalCode] [SalesTerritoryKey] [IpAddressLocator]	<b>Sales</b> [ProductKey] [OrderDateKey] [DueDateKey] [ShipDateKey] [CustomerKey] [PromotionKey] [CurrencyKey] [SalesTerritoryKey] [SalesOrderNumber] [SalesOrderLineNumber] [OrderQuantity] [UnitPrice] [ExtendedAmount] [UnitPriceDiscountPct] [DiscountAmount] ProductStandardCost] [TotalProductCost] [SalesAmount] [TaxAmt] [Freight] [OrderDate] [DueDate] [ShipDate]	<b>dimProduct</b> [ProductKey] [ProductSubcategoryKey] [EnglishProductName] [Color] [ListPrice] [Size] [StartDate] [EndDate] [Status]
<b>dimCustomer</b> [CustomerKey] [GeographyKey] [DisplayName] [MaritalStatus] [Gender] [YearlyIncome]		<b>dimProductSubcategory</b> [ProductSubcategoryKey] [ProductSubcategoryAlternateKey] [EnglishProductSubcategoryName] [SpanishProductSubcategoryName] [FrenchProductSubcategoryName] [ProductCategoryKey]
		<b>dimProductCategory</b> [ProductCategoryKey] [ProductCategoryAlternateKey] [EnglishProductCategoryName] [SpanishProductCategoryName] [FrenchProductCategoryName]

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 add a measure to rank total sales by product. The results must appear as shown in the following table.

Rank	Product	SalesAmount
1	Product3	13,0000
1	Product2	13,0000
2	Product1	12,0000
3	Product5	10,000
3	Product4	10,000

Which DAX formula should you use?

- A. Product Ranking= RANKX (Product, [SalesAmount], , DESC, Skip)
- B. Product Ranking= RANKX (ALL, ('Product'), [SalesAmount], , DESC, Dense)
- C. Product Ranking= RANKX (ALL, ('Product'), [SalesAmount], , DESC, Skip)

D. Product Ranking= RANKX (ALL ('Product'), [SalesAmount], , Asc, Dense

**Answer:** B

**Explanation:**

References: https://msdn.microsoft.com/en-us/library/gg492185.aspx

#### NEW QUESTION 222

- (Exam Topic 4)

You are modifying a Power Bi model by using Power BI Desktop. You have a table named Sales that contains the following fields.

Name	Data type
Transaction ID	Whole Number
Customer Key	Whole Number
Sales Date Key	Date
Sales Amount	Whole Number

You have a table named Transaction Size that contains the following data.

Transaction Size ID	Transaction Size	Min	Max
1	Small	0	10,000
2	Medium	10,001	100,000
3	Large	100,001	999,999,999

You need to create a calculated column to classify each transaction as small, medium, or large based on the value in Sales Amount.

How should you complete the code? 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 drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

**Values**

ALL

AND

CALCULATE

FILTER

OR

SUM

**Answer Area**

```

Transaction Size =
VAR SalesTotal = 'Sales'[Sales]
VAR FilterSegment =
    Value (
        'Transaction Size',
        Value (
            'Transaction Size'[Min] <= SalesTotal,
            'Transaction Size'[Max] >= SalesTotal
        )
    )
VAR Result =
    Value ( DISTINCT ( 'Transaction Size'[Transaction Size] ), FilterSegment )
RETURN
    Result
                
```

A. Mastered

B. Not Mastered

**Answer:** A

**Explanation:**

FILTER | AND | CALCULATE

#### NEW QUESTION 227

- (Exam 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

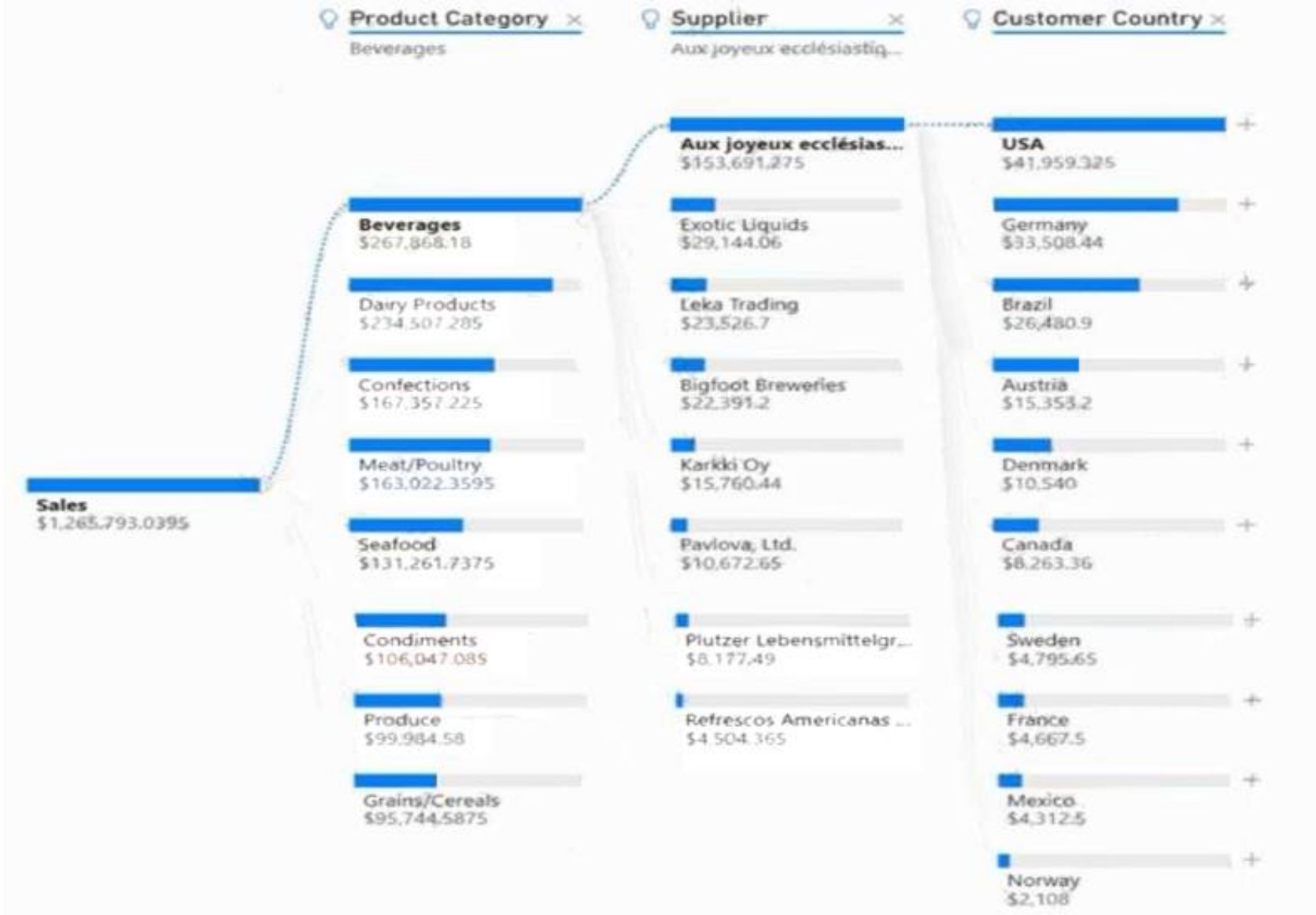
**Explanation:**

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 230

- (Exam Topic 4)  
You need to create a visual that enables the adhoc exploration of data as shown in the following exhibit.



Which type of visual should you use?

- A. Q&A
- B. decomposition tree
- C. smart narrative
- D. key influencers

Answer: B

NEW QUESTION 231

- (Exam 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: From Power Query Editor, you rename the date query as Due Date. You reference the Due Date query twice to make the queries for Order Date and Delivery Date.  
Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Creating two additional tables in Power Query can be a possible solution: Remove any inactive relationships.  
Consider renaming the role-playing dimension-type table to better describe its role. In the example, the Airport table is related to the ArrivalAirport column of the Flight table, so it's renamed as Arrival Airport.  
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.  
In the example, the Departure Airport table was created by using the following calculated table definition.

NEW QUESTION 234



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