

Microsoft

Exam Questions PL-300

Microsoft Power BI Data Analyst



NEW QUESTION 1

- (Topic 1)

You merge data from Sales.Region, Region_Manager, Sales_Manager, and Manager into a single table named Region. What should you do next to meet the reporting requirements of the executives?

- A. Apply row-level security (RLS) to the Region table based on the sales manager username.
- B. Configure a bi-directional relationship between Region and Sales.Region.
- C. Create a DAX calculated column that retrieves the region manager from the Weekly>Returns table based on the sales.regionjd column.
- D. In the Region table, create a hierarchy that has the manager name, and then the sales manager name.

Answer: C

NEW QUESTION 2

- (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: B

NEW QUESTION 3

- (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 4

- (Topic 2)

You need to recommend a strategy to consistently define the business unit, department, and product category data and make the data usable across reports. What should you recommend?

- A. Create a shared dataset for each standardized entity.
- B. Create dataflows for the standardized data and make the dataflows available for use in all imported datasets.
- C. For every report, create and use a single shared dataset that contains the standardized data.
- D. For the three entities, create exports of the data from the Power BI model to Excel and store the data in Microsoft OneDrive for others to use as a source.

Answer: B

NEW QUESTION 5

HOTSPOT - (Topic 2)

How should you distribute the reports to the board? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Grant access by:

	▼
Sharing individual reports	
Using a workspace membership	
Using an app	

Grant access to:

	▼
A dynamic distribution list	
A mail-enabled security group	
Individual user emails	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Using a workspace membership Scenario:

The company wants to provide a single package of reports to the board that contains custom navigation and links to supplementary information.

Note: Workspace is a shared environment for a group of people. You can have multiple Power BI content in a workspace. One workspace can have hundreds of dashboards, reports, and datasets in it.

Box 2: A mail-enabled security group Scenario: Security Requirements

The reports must be made available to the board from powerbi.com. A mail-enabled security group will be used to share information with the board.

NEW QUESTION 6

- (Topic 2)

You need to create the relationship between the product list and the revenue results. The solution must minimize the time it takes to render visuals. What should you set as the relationship cardinality?

- A. One to one
- B. Many to one
- C. One to many
- D. Many to many

Answer: C

NEW QUESTION 7

- (Topic 2)

Which two types of visualizations can be used in the balance sheet reports to meet the reporting goals? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a line chart that shows balances by quarter filtered to account categories that are long-term liabilities.
- B. a clustered column chart that shows balances by date (x-axis) and account category (legend) without filters.
- C. a clustered column chart that shows balances by quarter filtered to account categories that are long-term liabilities.
- D. a pie chart that shows balances by account category without filters.
- E. a ribbon chart that shows balances by quarter and accounts in the legend.

Answer: AE

Explanation:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-types-for-reports-and-q-and-a>

NEW QUESTION 8

HOTSPOT - (Topic 3)

You need to create a measure that will return the percentage of late orders.

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.

Late Orders Percent =

VAR OrderCount =
 COUNTROWS ('Orders')

VAR LateOrders =

- SUM
- COUNTX
- CALCULATE
- CALCULATETABLE

COUNTROWS ('Orders'),

- FILTER
- ALLEXCEPT
- CALCULATE
- DATESBETWEEN

(Order,

- Orders[OrderDate] > Orders[RequiredDate]
- Orders[ShippedDate] >= Orders[OrderDate]
- Orders[ShippedDate] < Orders[RequiredDate]
- Orders[ShippedDate] > Orders[RequiredDate]

RETURN

DIVIDE (LateOrders, OrderCount)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: CALCULATE

CALCULATE evaluates an expression in a modified filter context.

Syntax: CALCULATE(<expression>[, <filter1> [, <filter2> [, ...]]]) Expression - The expression to be evaluated.

filter1, filter2,... (Optional) Boolean expressions or table expressions that defines filters, or filter modifier functions.

Box 2: FILTER

FILTER returns a table that represents a subset of another table or expression. Syntax: FILTER(<table>,<filter>)

Table- The table to be filtered. The table can also be an expression that results in a table. Filter - A Boolean expression that is to be evaluated for each row of the table. For example, [Amount] > 0 or [Region] = "France"

Box 3: Orders[ShippedDate]> Orders[RequiredDate]

Northwind Traders defines late orders as those shipped after the required shipping date.

NEW QUESTION 9

- (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 create a new query that references DataSourceExcel. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Instead modify the source step of the queries to use DataSourceExcel as the file path.

Note: 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 10

- (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: D

NEW QUESTION 10

- (Topic 4)

You have a report that contains three pages. One of the pages contains a KPI visualization. You need to filter all the visualizations in the report except for the KPI visualization. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Add the same slicer to each page and configure Sync slicers.
- B. Edit the interactions of the KPI visualization.
- C. Configure a page-level filter.
- D. Edit the interactions of the slicer that is on the same page as the KPI visualization.
- E. Configure a report-level filter.

Answer: AD

Explanation:

Slicers are another way of filtering. They narrow the portion of the dataset that is shown in the other report visualizations.

By default, slicers on report pages affect all the other visualizations on that page, including each other. Use visual interactions to exclude some page visualizations from being affected by others.

Reference:

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

NEW QUESTION 11

FILL IN THE BLANK - (Topic 4)

You have the Power Bi dashboard shown in the Dashboard exhibit (Click the Dashboard tab.)

You need to ensure that when users view the dashboard on a mobile device, the dashboard appears as shown in the Mobile exhibit. (Click the Mobile tab.)

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

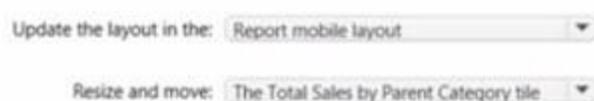
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer as selected

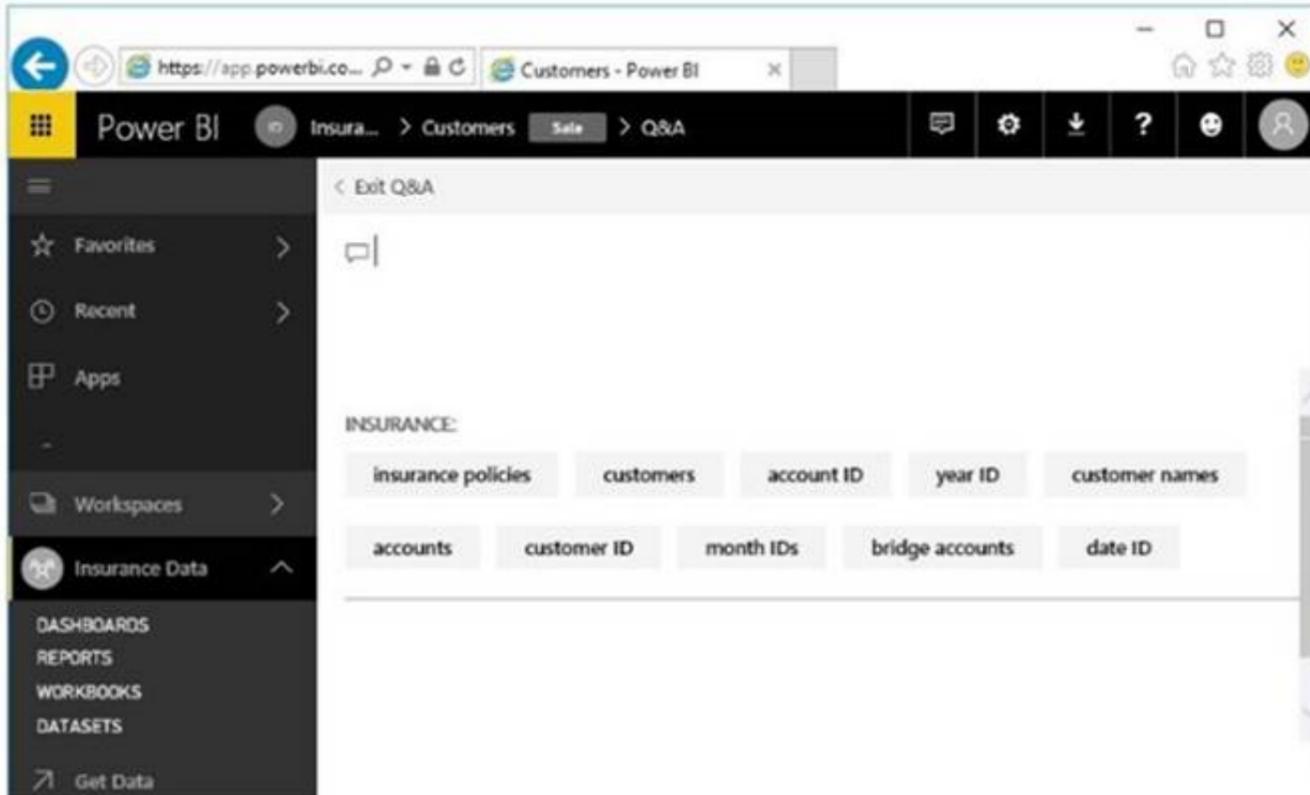
Answer Area



NEW QUESTION 15

HOTSPOT - (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.]

▼

Customers
 Insurance
 Insurance Data
 Sale

The dashboard uses a dataset named [answer choice].

▼

Customers
 Insurance
 Insurance Data
 Sale

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 18

- (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. Change the data type of the Logged column to Date.
- B. Apply a transform to extract the last 11 characters of the Logged column and set the data type of the new column to Date.
- C. Create a column by example that starts with 2018-12-31 and set the data type of the new column to Date.
- D. Apply a transform to extract the first 11 characters of the Logged column.

Answer: C

NEW QUESTION 19

DRAG DROP - (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
1	Department	Product	2016	2017	2018	2019
2	Bikes	Carbon mountainbike	1002815	1006617	1007814	1007239
3	Bikes	Aluminium road bike	1007024	1001454	1005842	1007105
4	Bikes	Touring bike	1003676	1005171	1001669	1003244
5	Accessories	Bell	76713	10247	60590	25927
6	Accessories	Bottle holder	26690	29613	67955	71466
7	Accessories	Satnav	81189	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:

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.

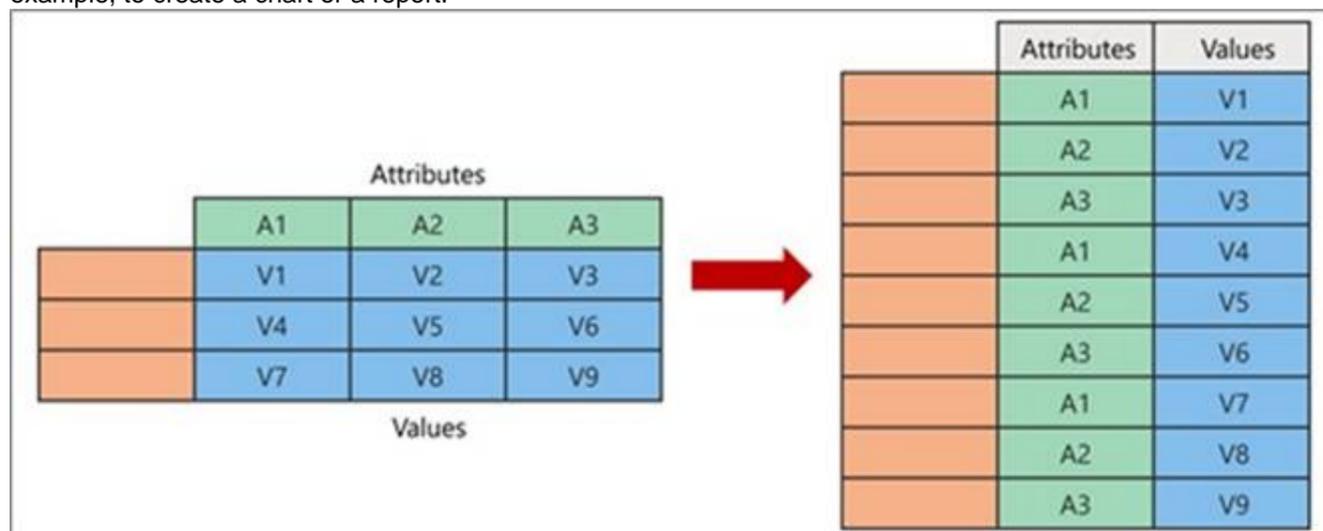


Chart Description automatically generated with medium confidence

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.

NEW QUESTION 21

- (Topic 4)

You have a Power BI report that contains four pages. All the pages contain a slicer for a field named Country,

You need to ensure that when a user selects a county on page 1, the selection is retained on page 2 and page 3. The solution must prevent page 4 from being affected by

selections on the other pages, What should you do?

- A. Remove the Country slicer from page 1, page 2, and page 3. Add the Country field to the report-level filters.
- B. Remove the Country slicer from page 1, page 2, and page 3. Add the Country field to the page-level filters.
- C. Sync the Country slicer on page 1, page 2, and page 3,
- D. Move the Country slicer from page 2 and page 3 to page 1.

Answer: B

NEW QUESTION 22

- (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 three dates at the same time.

Solution; You create measures that use the `USERELATIONSHIP` DAX function to filter sales on the inactive relationships between the sales table and the date table.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 23

- (Topic 4)

In Power BI Desktop, you are creating visualizations in a report based on an imported dataset

You need to allow Power BI users to export the summarized data used to create the visualizations but prevent the users from exporting the underlying data

What should you do?

- A. From Power BI Desktop, configure the Data Load settings for the current file.
- B. From the Power BI service, configure the dataset permissions.
- C. From Power BI Desktop, configure the Report settings for the current file.
- D. From Power BI Desktop, modify the data source permissions.

Answer: C

Explanation:

<https://learn.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-export-data?tabs=powerbi-desktop>

The export functionality can be disabled on several levels. First, Power BI Service admins can disable this functionality on tenant level. With that, nobody will be able to export the data. More about that later. Second, as a dataset owner you can decide if you allow your users to export the data. This is managed in dataset settings, but only changeable in Power BI desktop.

No matter what settings are applied in Power BI desktop, the tenant settings will overrule this. In the end the Power BI Service admin decides what options are possible to use.

<https://data-marc.com/2020/04/13/power-bi-governance-why-you-should-consider-to-disable-export-to-excel/>

NEW QUESTION 26

- (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: B

NEW QUESTION 30

- (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: C

NEW QUESTION 33

- (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.TransformRows function.
- B. In the Store table query, use the Table.TransformRows function.
- C. In the Store table query, use the Table.TransformColumnTypes function.
- D. In the Order table query, use the Table.TransformColumnTypes function.

Answer: C

NEW QUESTION 34

- (Topic 4)

You have data in a Microsoft Excel worksheet as shown in the following table.

	A	B	C
1	SKU	price	discount
2	P00001	100	0.08
3	P00002	150	0.03
4	P00003	130	#DIV/0!
5	P00004	200	0.06
6	P00005	80	#NAME?
7	P00006	350	#N/A
8	P00007	100	#NULL!
9	P00008	200	0.05
10	P00009	135	#NUM!
11	P00010	90	#REF!
12	P00011	120	#VALUE!

You need to use Power Query to clean and transform the dataset. The solution must meet the following requirements:

- If the discount column returns an error, a discount of 0.05 must be used.
- All the rows of data must be maintained.
- Administrative effort must be minimized. What should you do in Power Query Editor?

- A. Select Keep Errors
- B. Edit the query in the Query Errors group.
- C. Select Replace Errors
- D. Select Remove Errors.

Answer: C

NEW QUESTION 35

- (Topic 4)

Your company has training videos that are published to Microsoft Stream. You need to surface the videos directly in a Microsoft Power BI dashboard. Which type of tile should you add?

- A. video
- B. custom streaming data
- C. text box
- D. web content

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/stream/portal-embed-video> <https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget#add-web-content>

NEW QUESTION 38

- (Topic 4)

You have a Power BI report that uses a dataset based on an Azure Analysis Services live connection.

You need to ensure that users can use Q&A from the Power BI service for the dataset. What should you do?

- A. From the Power BI service, add an enterprise gateway to the dataset.
- B. From Power BI Desktop, add synonyms and suggested questions.
- C. From Power BI Desktop, add a Q&A visual to the report.
- D. From the Power BI service, select Turn on Q&A for this dataset.

Answer: D

NEW QUESTION 41

- (Topic 4)

You have a Microsoft Power BI dashboard.

You need to ensure that consumers of the dashboard can give you feedback that will be visible to the other consumers of the dashboard.

What should you use?

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

Answer: C

Explanation:

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

NEW QUESTION 45

- (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 49

- (Topic 4)

You plan to create a dashboard in the Power BI service that retrieves data from a Microsoft SQL Server database. The dashboard will be shared between the users in your organization.

You need to ensure that the users will see the current data when they view the dashboard. How should you configure the connection to the data source?

- A. Deploy an on-premises data gateway (personal mode). Import the data by using the Import Data Connectivity mode.
- B. Deploy an on-premises data gateway (personal mode). Import the data by using the DirectQuery Data Connectivity mode.
- C. Import the data by using the Import Data Connectivity mode.
- D. Deploy an on-premises data gateway (personal mode). Import the data by using the DirectQuery Data Connectivity mode.
- E. Import the data by using the DirectQuery Data Connectivity mode.
- F. Deploy an on-premises data gateway (personal mode). Import the data by using the Import Data Connectivity mode.

Answer: D

Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/desktop-directquery-about#power-bi-connectivity-modes>

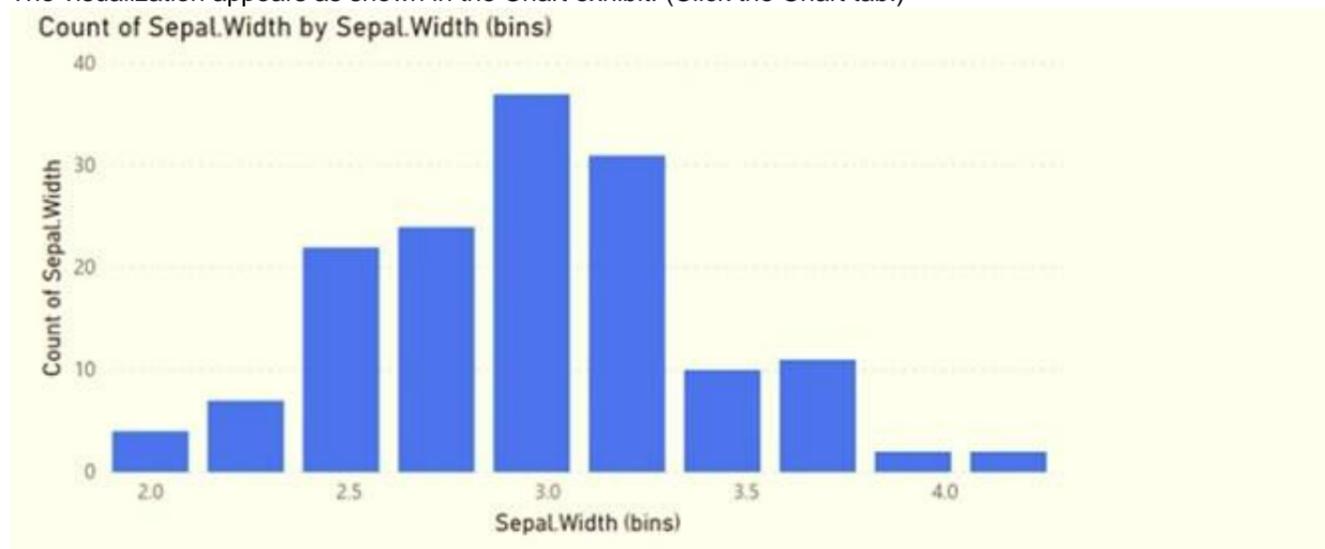
NEW QUESTION 52

HOTSPOT - (Topic 4)

You are creating a column chart visualization.

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

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



For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
The data is segmented into 10 groups.	<input type="radio"/>	<input type="radio"/>
The data was split into deciles.	<input type="radio"/>	<input type="radio"/>
To increase the bin size, you must decrease the bin count.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The data is segmented into 10 groups.	<input checked="" type="radio"/>	<input type="radio"/>
The data was split into deciles.	<input checked="" type="radio"/>	<input type="radio"/>
To increase the bin size, you must decrease the bin count.	<input type="radio"/>	<input checked="" type="radio"/>

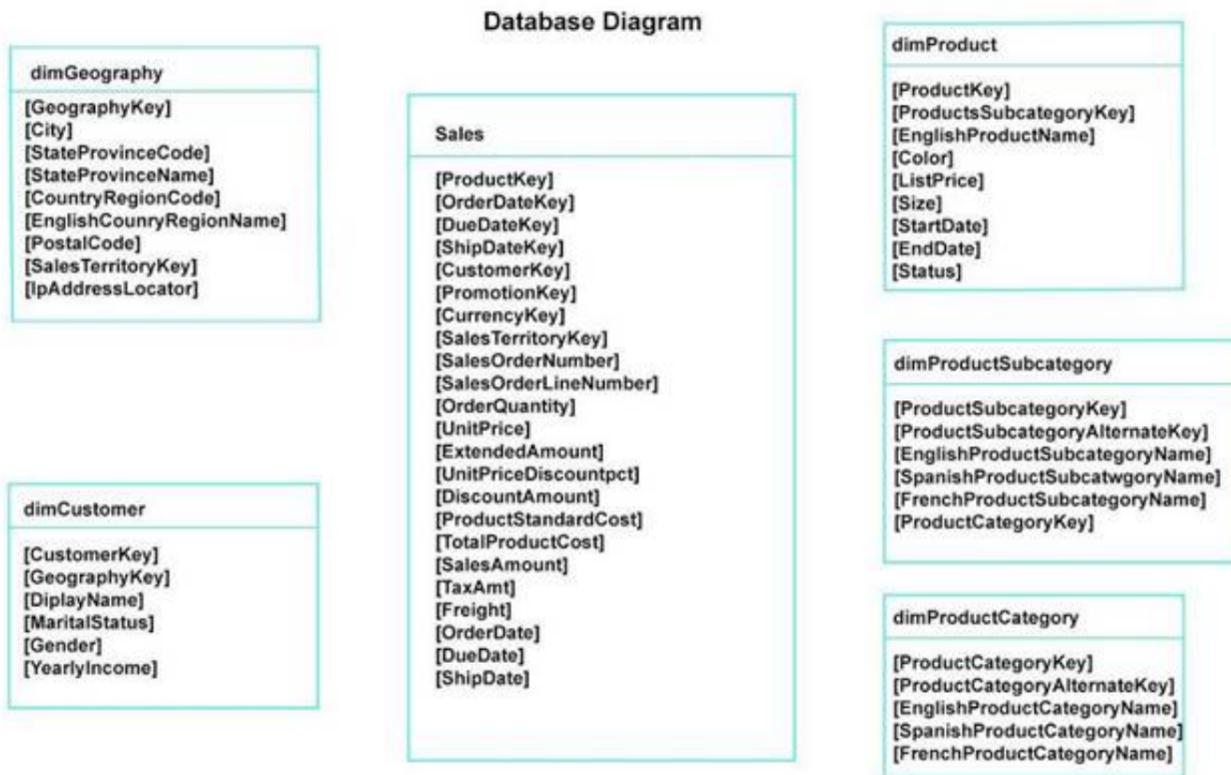
NEW QUESTION 57

- (Topic 4)

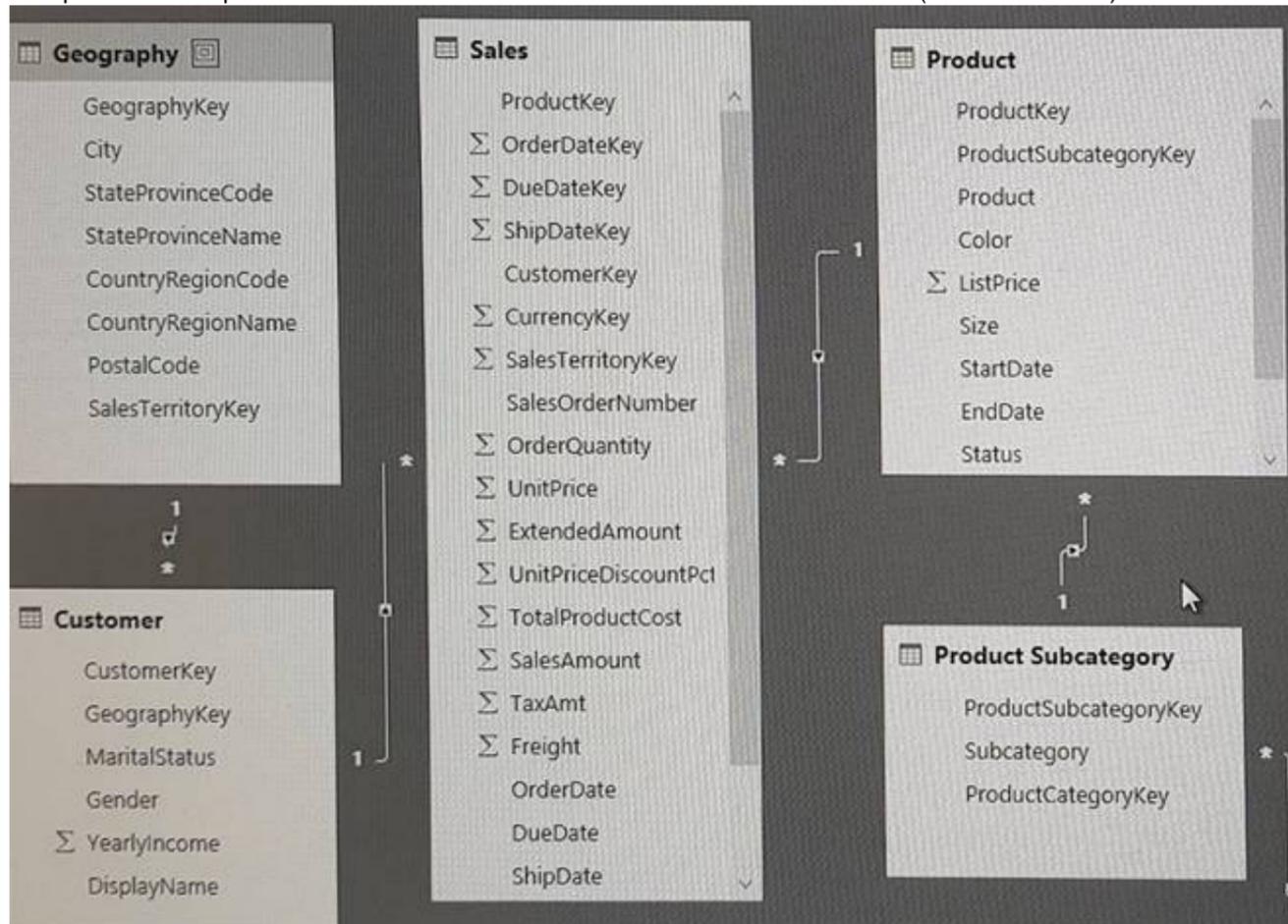
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

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 62

- (Topic 4)

You have a report that contains a bar chart and a column chart. The bar chart shows customer count by customer segment. The column chart shows sales by month.

You need to ensure that when a segment is selected in the bar chart, you see which portion of the total sales for the month belongs to the customer segment. How should the visual interactions be set on the column chart when the bar chart is selected?

- A. no impact
- B. highlight
- C. filter

Answer: B

Explanation:

HIGHLIGHT as the question required us to "you see which portion of the total sales for the month belongs to the customer segment" -- in order to see WHICH portion, you need to still see the whole visual, highlight is most appropriate. If the requirement stated to ONLY SEE THE PORTION IT RELATES TO then filter would be appropriate.

NEW QUESTION 64

DRAG DROP - (Topic 4)

You create a data model in Power BI.

Report developers and users provide feedback that the data model is too complex. The model contains the following tables.

Table name	Column name	Data type
Sales_Region	region_id	Integer
	name	Varchar
Region_Manager	region_id	Integer
	manager_id	Integer
Sales_Manager	sales_manager_id	Integer
	name	Varchar
	region_id	Integer
Manager	manager_id	Integer
	name	Varchar

The model has the following relationships:

*There is a one-to-one relationship between Sales_Region and Region_Manager.

*There are more records in Manager than in Region_Manager, but every record in Region_Manager has a corresponding record in Manager.

*There are more records in Sales_Manager than in Sales_Region, but every record in Sales_Region has a corresponding record in Sales_Manager.

You need to denormalize the model into a single table. Only managers who are associated to a sales region must be included in the reports.

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.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

- Merge [Region_Manager] and [Manager] by using an inner join.
- Merge [Sales_Manager] and [Sales_Region] by using a left join.
- Merge [Sales_Region] and [Sales_Manager] by using an inner join.
- Merge [Sales_Region] and [Sales_Manager] by using an inner join as a new query named [Sales_Region_and_Manager].
- Merge [Sales_Region] and [Region_Manager] by using a right join as a new query named [Sales_Region_and_Region_Manager].
- Merge [Sales_Region] and [Region_Manager] by using an inner join.

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

* 1.Merge [Region_Manager] and [Manager] by using an inner join. 3.Merge [Sales_Region] and [Sales_Manager] by using an inner join. 6.Merge [Sales_Region] and [Region_Manager] by using an inner join.

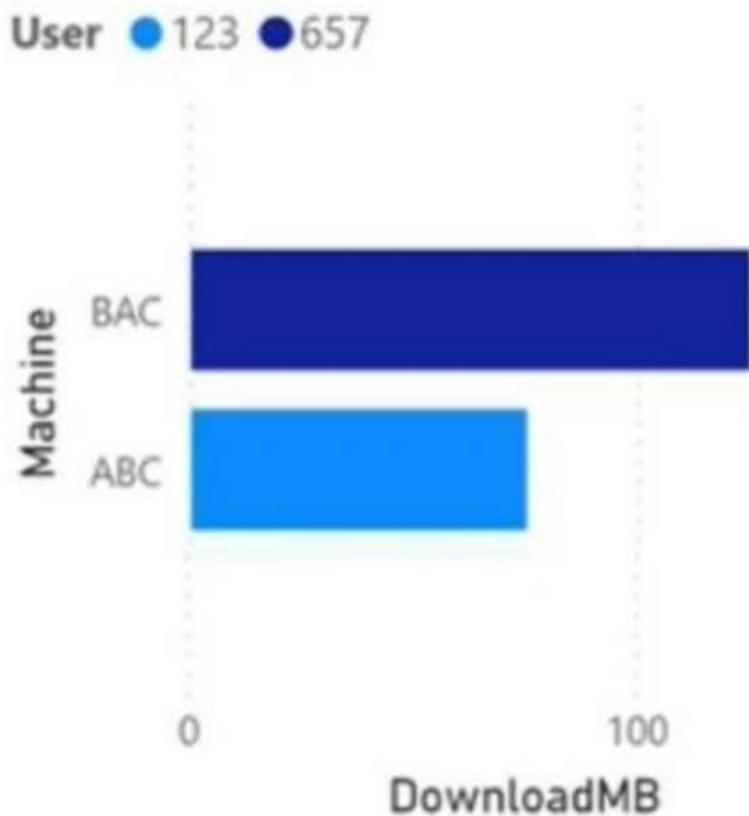
NEW QUESTION 69

- (Topic 4)

You are building a data model for a Power BI report. You have data formatted as shown in the following table.

Machine-User	DownloadMB
ABC-123	75
BAC-657	125

You need to create a clustered bar chart as shown in the following exhibit.



What should you do?

- A. From Power Query Editor, split the Machine-User column by using a delimiter.
- B. In a DAX function, create two calculated columns named Machine and User by using the substitute function.
- C. From Power Query Editor, create a column that contains the last three digits of the Machine-User column.
- D. in a DAX function, create two measures named Machine and User by using the substitute function.

Answer: A

NEW QUESTION 74

- (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. 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: A

NEW QUESTION 78

- (Topic 4)

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

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

Answer: C

Explanation:

You can subscribe yourself and your colleagues to the report pages, dashboards, and paginated reports that matter most to you. Power BI e-mail subscriptions allow you to:

? Decide how often you want to receive the emails: daily, weekly, hourly, monthly, or once a day after the initial data refresh.

? Choose the time you want to receive the email, if you choose daily, weekly, hourly, or monthly.

Note: Email subscriptions don't support most custom visuals. The one exception is those custom visuals that have been certified.

Email subscriptions don't support R-powered custom visuals at this time.

Reference:

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-report-subscribe> <https://docs.microsoft.com/en-us/power-bi/create-reports/service-set-data-alerts>

NEW QUESTION 81

- (Topic 4)

You have a Power BI report for the marketing department. The report reports on web traffic to a blog and contains data from the following tables.

Table name	Source	Description	Column name
Posts	Blog RSS feed	An XML representation of all the blog posts from your company's website	<ul style="list-style-type: none"> Publish Date URL Title Full Text Summary
Traffic	Website logs	Activity data from your company's entire website	<ul style="list-style-type: none"> DateTime URL Visited IP Address Browser Agent Referring URL

There is a one-to-many relationship from Posts to Traffic that uses the URL and URL Visited columns. The report contains the visuals shown in the following table.

Name	Used field	Filter
Top 10 blog posts of all time	Posts[Title] Traffic[DateTime]	None
Top 10 blog posts from the last seven days	Posts[Title] Traffic[DateTime]	Traffic[DateTime] is in the last 7 days
Blog visits over time	Traffic[DateTime] Traffic[URL Visited]	Traffic[URL Visited] contains "blog"
Blog visits over time	Traffic[DateTime] Traffic[URL Visited]	Traffic[URL Visited] contains "blog"
Top 10 external referrals to the blog of all time	Traffic[Referring URL]	Traffic[URL Visited] contains "blog" AND Traffic[Referring URL] does not start with "/"

The dataset takes a long time to refresh.

You need to modify Posts and Traffic queries to reduce load times.

Which two actions will reduce the load times? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Remove the rows in Traffic in which Traffic [Referring URL] does not start with "/"
- B. Remove the rows in Posts in which Post [Publish Date] is in the last seven days.
- C. Remove Traffic [IP Address], Traffic (Browser Agent), and Traffic [Referring URL].
- D. Remove Posts [Full Text] and Posts [Summary].
- E. Remove the rows in Traffic in which Traffic [URL visited] does not contain "blog"

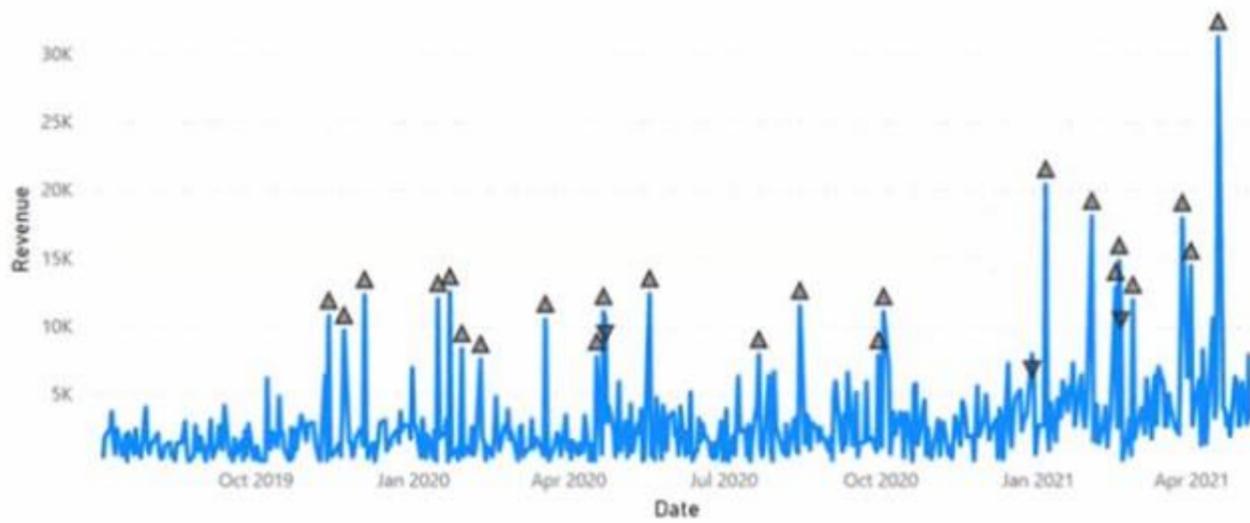
Answer: DE

NEW QUESTION 86

FILL IN THE BLANK - (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.

Revenue by Date



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

The visual type is [answer choice] chart.

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

NEW QUESTION 89

- (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 92

HOTSPOT - (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.

Top 100 Customers =

100,

[Sales],

(FactTransaction, FactTransaction[Customer ID], "Sales", SUM(FactTransaction[Sale])),

ASC[
DESC(
FILTER(
SUMMARIZE[
TOPN(
ASC
DESC
FILTER
SUMMARIZE
TOPN
ASC
DESC
FILTER
SUMMARIZE
TOPN

- 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>]]...])

NEW QUESTION 95

DRAG DROP - (Topic 4)

You are modeling data in table named SalesDetail by using Microsoft Power BI.

You need to provide end users with access to the summary statistics about the SalesDetail data. The users require insights on the completeness of the data and the value distributions.

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
Specify the following query, then close and apply. -Table.Distinct("#SalesDetail")	
Create a visual for the query table.	
Create a parameter that uses a query for the suggested values.	⬅️
Create a query that uses Common Data Service as a data source.	⬅️
Specify the following query, then close and apply. -Table.Profile("#SalesDetail")	⬆️
Create a blank query as a data source.	⬇️

- A. Mastered
- B. Not Mastered

Answer: A

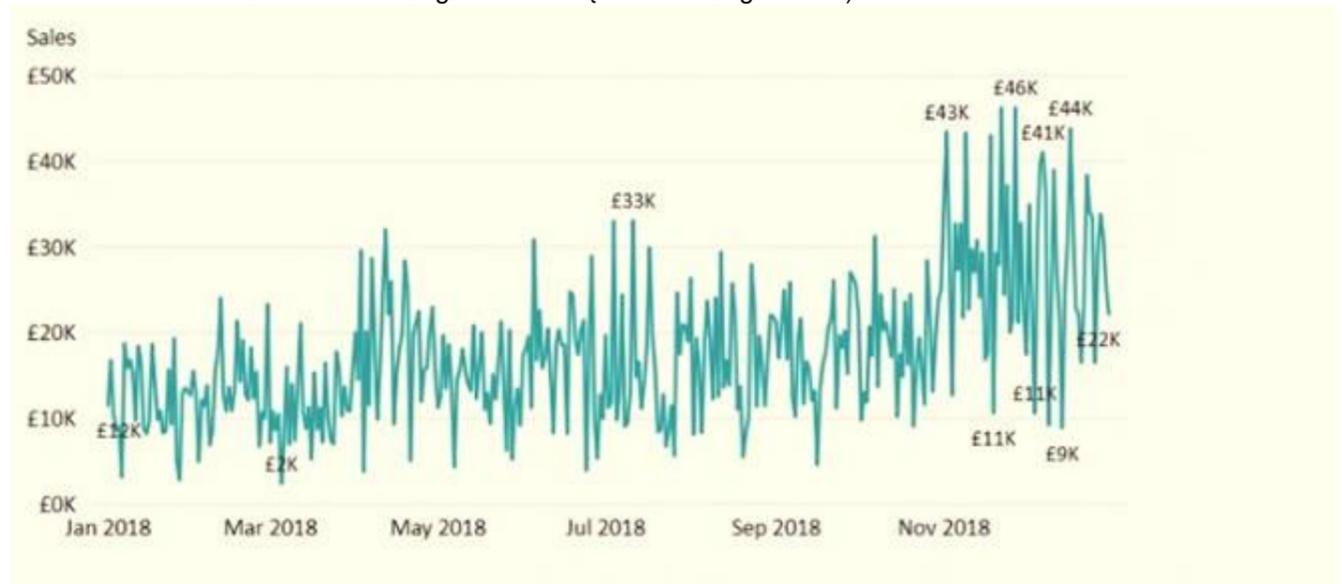
Explanation:

Actions	Answer Area
Specify the following query, then close and apply. -Table.Distinct("#SalesDetail")	Create a blank query as a data source.
Create a visual for the query table.	
Create a parameter that uses a query for the suggested values.	Specify the following query, then close and apply. -Table.Profile("#SalesDetail")
Create a query that uses Common Data Service as a data source.	
Specify the following query, then close and apply. -Table.Profile("#SalesDetail")	
Create a blank query as a data source.	Create a visual for the query table.

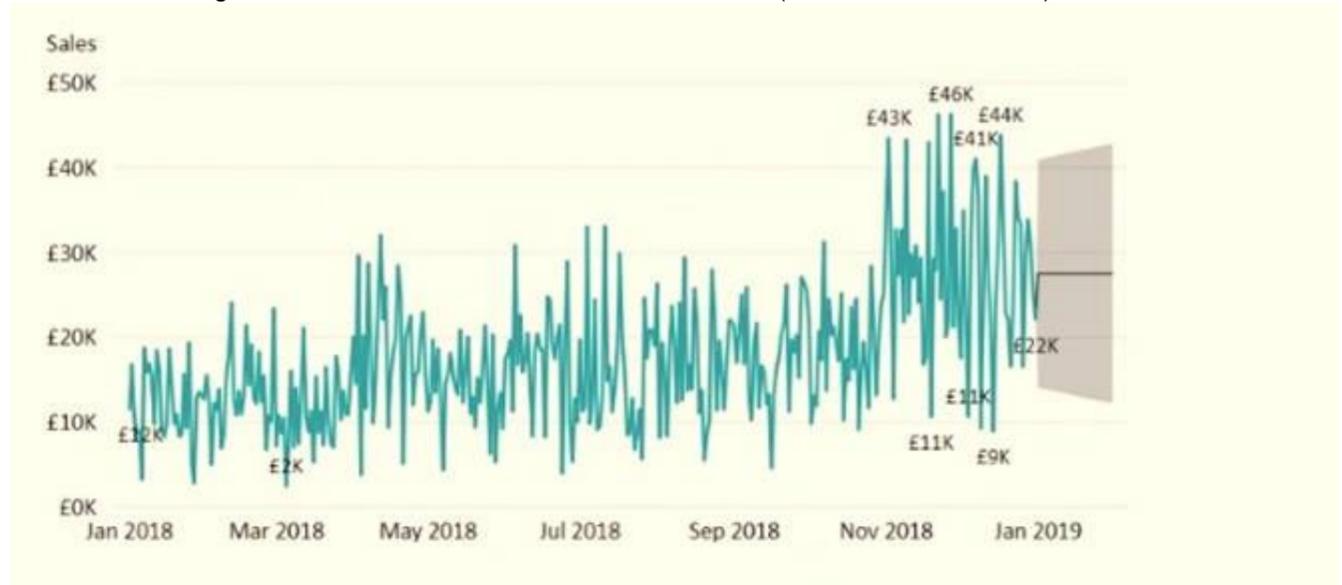
NEW QUESTION 96

- (Topic 4)

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



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



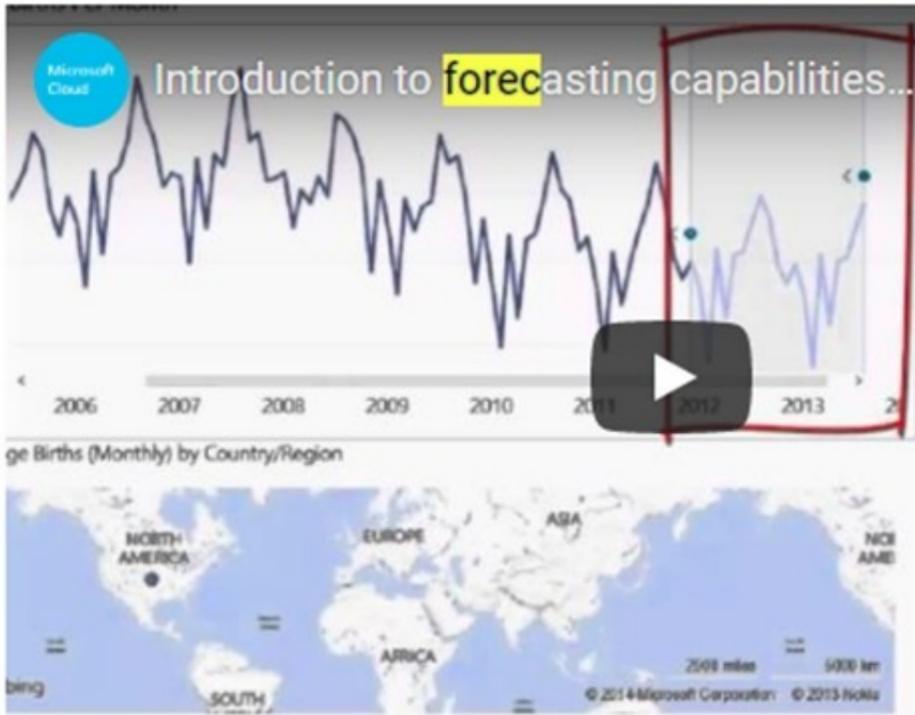
What should you add to the visual?

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

Answer: C

Explanation:

Explore forecast results by adjusting the desired confidence interval or by adjusting outlier data to see how they affect results.



Timeline Description automatically generated with low confidence

Reference:

<https://powerbi.microsoft.com/fr-fr/blog/introducing-new-forecasting-capabilities-in-power-view-for-office-365/>

NEW QUESTION 97

- (Topic 4)

For the sales department at your company, you publish a Power BI report that imports data from a Microsoft Excel We located in a Microsoft SharePoint folder The data model contains several measures You need to create a Power BI report from the existing data. The solution must minimize development effort. Which type of data source should you use?

- A. a SharePoint folder
- B. Power BI dataflows
- C. an Excel workbook
- D. Power BI dataset

Answer: A

Explanation:

case states there is already a report published and the datamodel contains measures. therefore and to be able to use the measures in the datamodel you should connect to the existing dataset (which was created when you published the report) instead of starting from scratch with the files in the SharePoint folder.

NEW QUESTION 100

DRAG DROP - (Topic 4)

You have a Microsoft Excel spreadsheet that contains the data shown in the following table.

Department	Stage	School1	School2	School3	School4
Mathematics	1	75	65	90	70
Mathematics	2	80	70	80	75
Geography	1	95	65	80	75
Geography	2	80	70	80	75

You plan to build a data model for a Power BI report.

You need to prepare the data so that it is available to the model in the format shown in the following table.

Department	School	Avg Score
Mathematics	School1	77.5
Geography	School1	87.5

Which three actions should you perform in sequence in Power Query Editor? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Group by [Department],[School1],[School2],[School3],[School4] and create a new column named [Avg Score] that uses the average function on the [Stage] column.
- Select and unpivot the [Department] and [Stage] columns.
- Select the [Department] and [Stage] columns and unpivot the other columns.
- Rename the [Attribute] column as [School] and the [Value] column as [Score].
- Group by [Department] and [School] and create a new column named [Avg Score] that uses the average function on the [Score] column.

Answer Area

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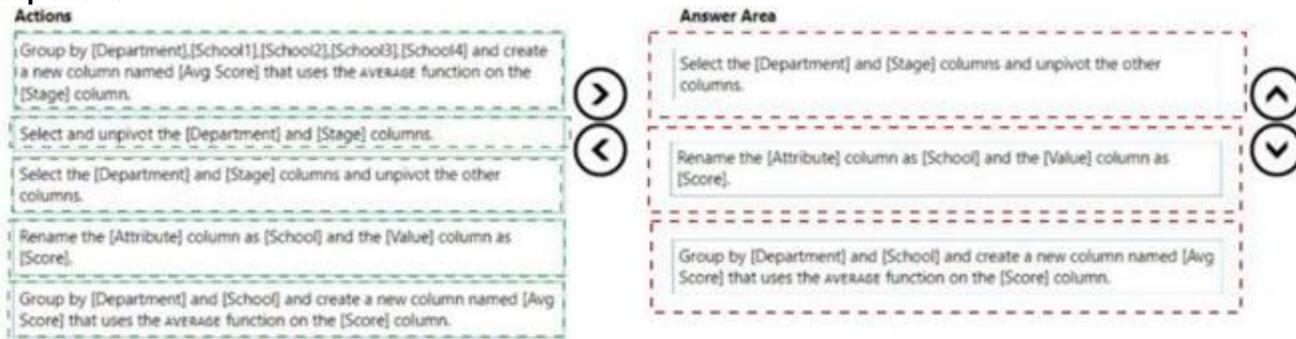
v

A. Mastered

B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 104

HOTSPOT - (Topic 4)

You are using Power Bi Desktop to connect to an Azure SQL database The connection is configured 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 solution is worth one point

The default timeout for the connection from Power BI Desktop to the database will be [answer choice].

The Navigator will display [answer choice].

A. Mastered
 B. Not Mastered

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/power-query/connectors/azuresqldatabase>

The following table lists all of the advanced options you can set in Power Query Desktop and Power Query Online.

Advanced option Description

Command timeout in minutes

If your connection lasts longer than 10 minutes (the default timeout), you can enter another value in minutes to keep the connection open longer. This option is only available in Power Query Desktop.

SQL statement

For information, go to Import data from a database using native database query. Include relationship columns

If checked, includes columns that might have relationships to other tables. If this box is cleared, you won't see those columns.

Navigate using full hierarchy

If checked, the navigator displays the complete hierarchy of tables in the database you're connecting to. If cleared, the navigator displays only the tables whose

columns and rows contain data.

Enable SQL Server Failover support

If checked, when a node in the Azure SQL failover group isn't available, Power Query moves from that node to another when failover occurs. If cleared, no failover occurs.

NEW QUESTION 109

FILL IN THE BLANK - (Topic 4)

You need to create a measure that will return the percentage of late orders.

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:

Answer as below

Answer Area

```

Late Orders Percent =
VAR OrderCount =
    COUNTROWS ( 'Orders' )
VAR LateOrders =
    CALCULATE (
        COUNTROWS ( 'Orders' ),
        FILTER ( Orders, Orders[ShippedDate] > Orders[RequiredDate] )
    )
    
```

NEW QUESTION 110

DRAG DROP - (Topic 4)

You are using existing reports to build a dashboard that will be viewed frequently in portrait mode on mobile phones.

You need to build the dashboard.

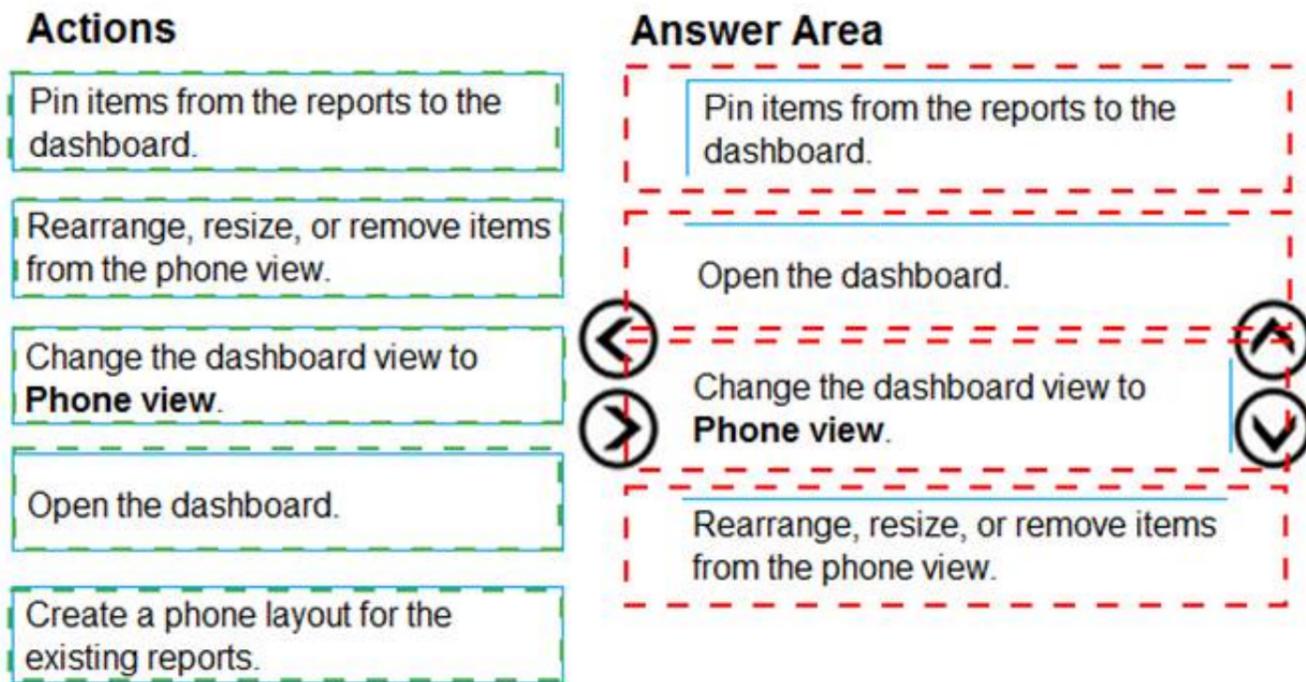
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Pin items from the reports to the dashboard.	
Rearrange, resize, or remove items from the phone view.	
Change the dashboard view to Phone view .	⬅️
Open the dashboard.	➡️
Create a phone layout for the existing reports.	⬆️
	⬇️

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 113

- (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 114

- (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: B

Explanation:

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

NEW QUESTION 117

- (Topic 4)

You have a Power BI dataset named Finance that is hosted in a Power BI workspace.

The finance team at your company is NOT currently a member of any Power BI workspace roles.

You need to enable the finance team to use Microsoft Excel to analyze the Finance dataset.

What should you do?

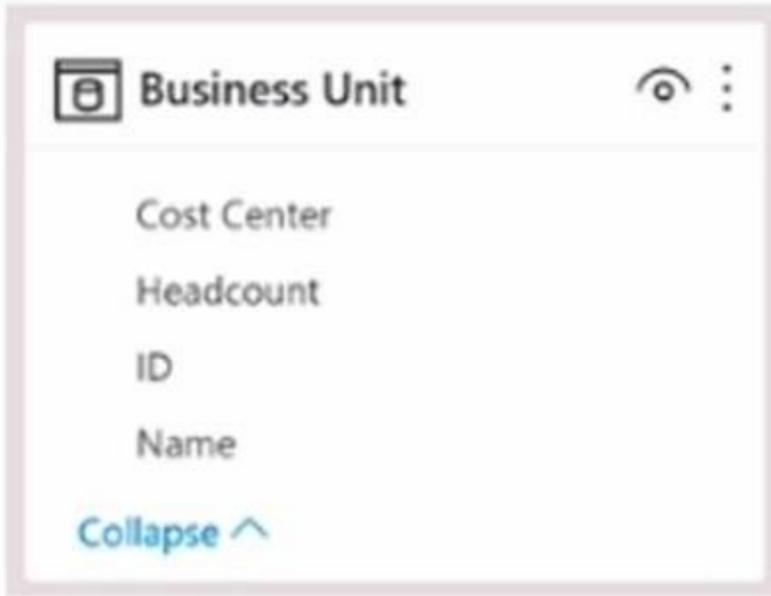
- A. Create a row-level security (RLS) role and add the finance team to the role as members.
- B. Provide an Excel workbook that is connected to the Finance dataset.
- C. Grant the finance team write permissions to the Finance dataset.
- D. Grant the finance team build permissions to the Finance dataset.

Answer: D

NEW QUESTION 119

HOTSPOT - (Topic 4)

You create a Power BI dataset that contains the table shown in the following exhibit.



You need to make the table available as an organizational data type In Microsoft Excel.
 How should you configure the properties of the table? To answer select the appropriate options in the answer area.
 NOTE: Each correct selection is worth one point.

Answer Area

Row label:

Key column:

Is featured table:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
 Answer Area

Row label:

Key column:

Is featured table:

NEW QUESTION 124

- (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: In the Power Query M code, you replace references to the Excel file with DataSourceExcel.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Instead modify the source step of the queries to use DataSourceExcel as the file path.

Note: 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 128

- (Topic 4)

You are creating a Power BI report to analyze consumer purchasing patterns from a table named Transactions. The Transactions table contains a numeric field named Spend. You need to include a visual that identifies which fields have the greatest impact on Spend. Which type of visual should you use?

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

Answer: D

NEW QUESTION 132

- (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 Monthly_returns table and Date[Date_ID]. What should you do before you create the relationship?

- A. In the Date table, create a new calculated column named MonthJD that uses the yyyydd format.
- B. In the Monthly_returns table, create a new calculated column named DateJD that uses the ddmmyyyy format.
- C. To the Order table, add a calculated column that uses the RELATED(Monthly_returns[Month_ID]) DAX formula.
- D. To the Date table, add a calculated column that uses the RELATED(Monthly_returns[Month_ID]) DAX formula.

Answer: B

Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/desktop-create-and-manage-relationships>

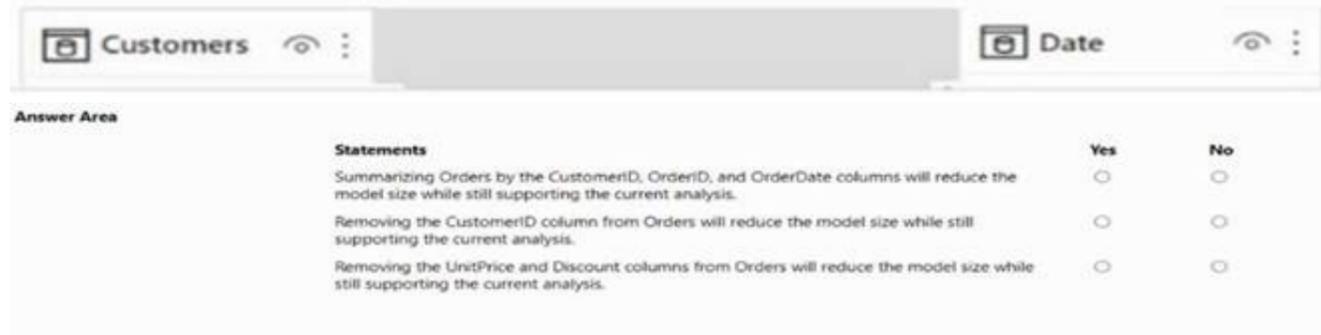
NEW QUESTION 134

HOTSPOT - (Topic 4)

You have a Power BI report named Orders that supports the following analysis:

- Total sales over time
- The count of orders over time
- New and repeat customer counts

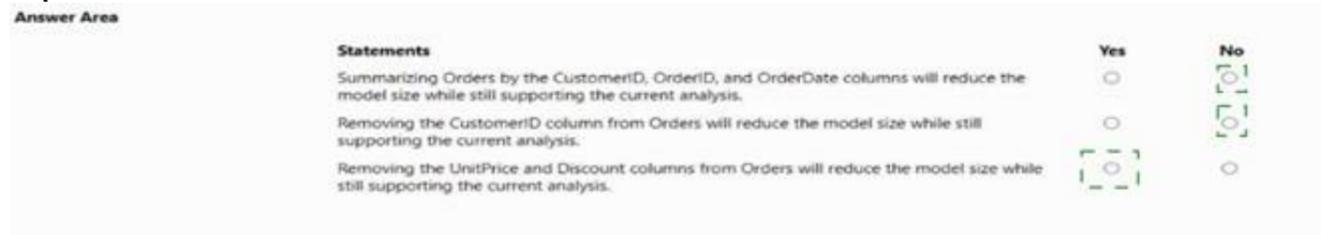
The data model size is nearing the limit for a dataset in shared capacity. The model view for the dataset is shown in the following exhibit.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 138

- (Topic 4)

You have a Power BI data model that contains a table named Employees. The table has the following columns:

- Employee Name
- Email Address
- Start Date
- Job Title

You are implementing dynamic row-level security (RLS).

You need to create a table filter to meet the following requirements:

- Users must see only their own employee data
- The DAX expression must work in both Power BI Desktop and the Power BI service.

Which expression should you use?

- A. `[Email Address] = USERNAME()`
- B. `[Employee Name] = USERPRINCIPALNAME()`
- C. `[Email Address] = USERPRINCIPALNAME()`
- D. `[Employee Name] = USERNAME()`

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: B

NEW QUESTION 142

- (Topic 4)

You have a prospective customer list that contains 1,500 rows of data. The list contains the following fields:

- ? First name
- ? Last name
- ? Email address
- ? State/Region
- ? Phone number

You import the list into Power Query Editor.

You need to ensure that the list contains records for each State/Region to which you want to target a marketing campaign.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Open the Advanced Editor.
- B. Select Column quality.
- C. Enable Column profiling based on entire dataset.

- D. Select Column distribution.
- E. Select Column profile.

Answer: CE

Explanation:

In Power query, the load preview by default is 1000 row. By default, the column quality also only looks at the first 1000 row. You can verify this by the status bar at the bottom of the Power query window. To change the profiling so it analyses the entire column of data, select the profiling status in the status bar. Then select Column profiling based on the entire data set.
<https://theexcelclub.com/data-profiling-views-in-power-query-excel-and-power-bi/>

NEW QUESTION 147

- (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 are 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

- (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 they 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).

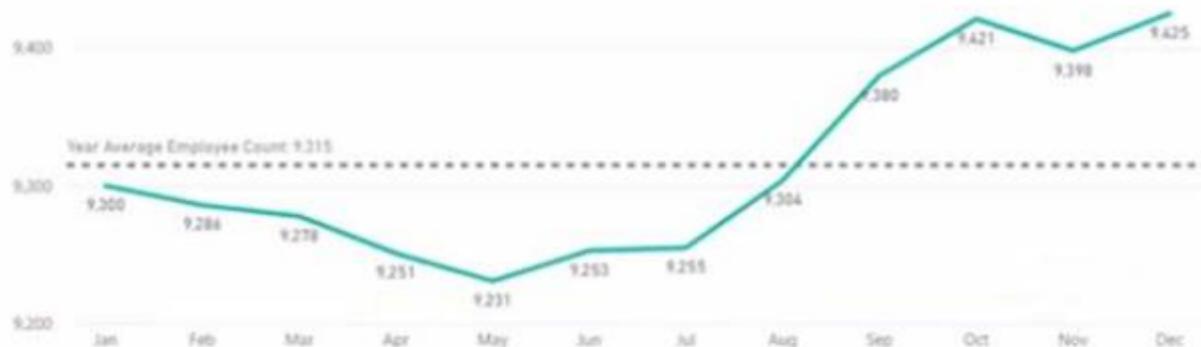
NEW QUESTION 154

FILL IN THE BLANK - (Topic 4)

You are creating a line chart in a Power BI report 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.

Prior Year Employee Count By Month



NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer as selected

Answer Area

The dashed line representing the Year Average Employee Count was created by using [answer choice].

To enable users to drill down to weeks or days, add the Weeks and Days field to the [answer choice] bucket.

NEW QUESTION 159

DRAG DROP - (Topic 4)

You use Power Query Editor to preview the data shown in the following exhibit

	SKU	price	discount
1	P00001	100	0.08
2	P00002	150	0.03
3	P00003	130	Error
4	P00004	200	0.06
5	P00005	80	Error
6	P00006	350	Error
7	P00007	100	Error
8	P00008	200	0.05
9	P00009	135	Error
10	P00010	90	Error
11	P00011	120	Error

You need to clean and transform the query so that all the rows of data are maintained, and error values in the discount column are replaced with a discount of 0.05. The solution must minimize administrative effort.

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

- For the discount column, change Data Type to **Whole Number**.
- Select the **price** column.
- Select the **discount** column.
- Select **Replace Errors** to replace each error value with 0.05.
- For the discount column, change Data Type to **Decimal Number**.

Answer Area

Select the **discount** column.

Select **Replace Errors** to replace each error value with 0.05.

For the discount column, change Data Type to **Decimal Number**.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- For the discount column, change Data Type to **Whole Number**.
- Select the **price** column.
- Select the **discount** column.
- Select **Replace Errors** to replace each error value with 0.05.
- For the discount column, change Data Type to **Decimal Number**.

Answer Area

Select the **discount** column.

Select **Replace Errors** to replace each error value with 0.05.

For the discount column, change Data Type to **Decimal Number**.

NEW QUESTION 162

- (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?

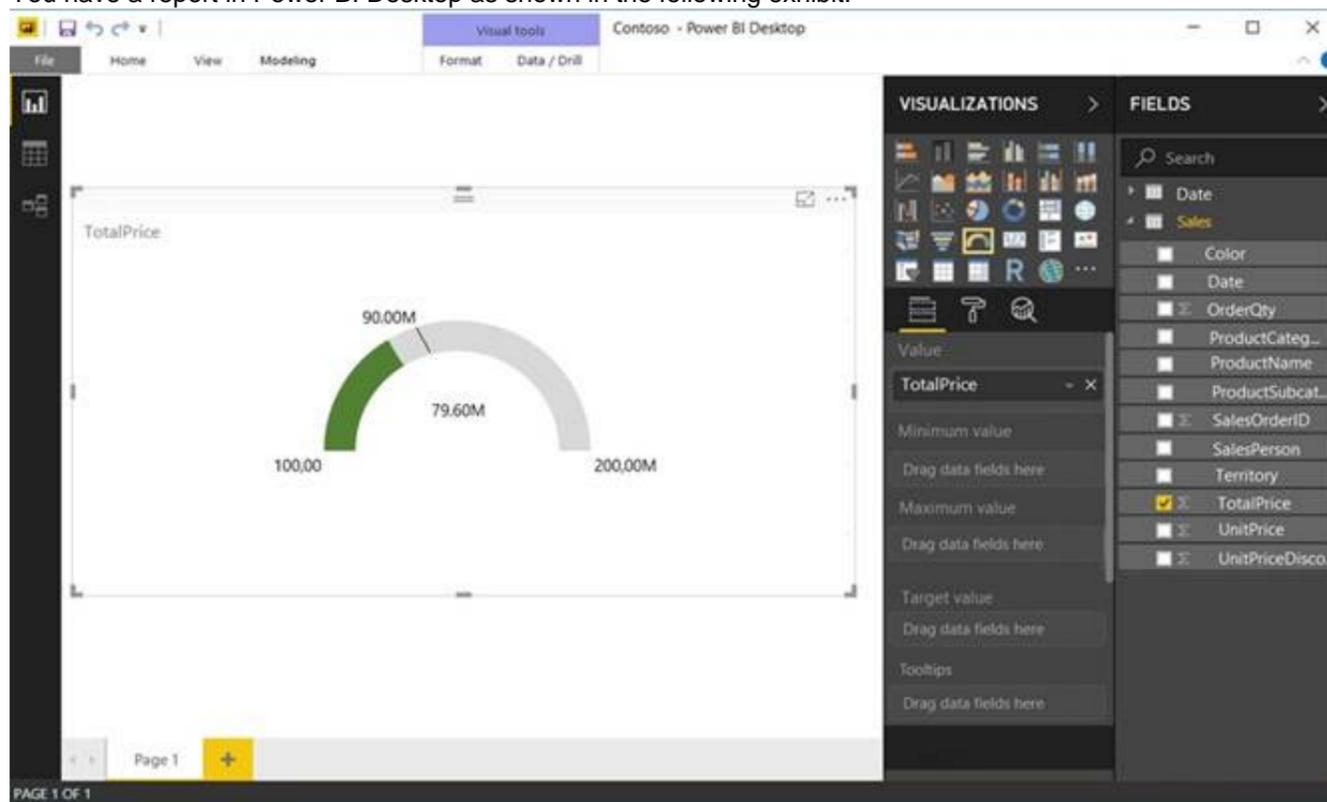
- A. Yes
- B. No

Answer: B

NEW QUESTION 165

HOTSPOT - (Topic 4)

You have a report in Power BI Desktop 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.

The goal is set by using [answer choice].

- a calculated measure
- a DAX formula
- the Format settings

To configure the visualization to display TotalPrice for the Territory of Canada always, you must add the Territory column to [answer choice].

- the Tooltips field
- the Values field
- the Visual level filters field

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The goal is set by using [answer choice].

- a calculated measure
- a DAX formula
- the Format settings

To configure the visualization to display TotalPrice for the Territory of Canada always, you must add the Territory column to [answer choice].

- the Tooltips field
- the Values field
- the Visual level filters field

NEW QUESTION 166

- (Topic 4)

You need to create the On-Time Shipping report.

The report must include a visualization that shows the percentage of late orders. Which type of visualization should you create?

- A. scatterplot
- B. bar chart
- C. piechart

Answer: B

NEW QUESTION 169

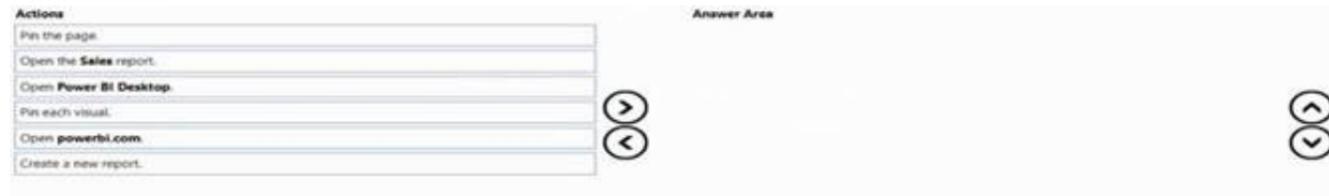
DRAG DROP - (Topic 4)

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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Open powerbi.com
 Select sales report
 Pin the page

NEW QUESTION 172

- (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 175

- (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 are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.

During the development process, you need to import a sample of the data from the Order table.

Solution: You add a WHERE clause to the SQL statement. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 179

- (Topic 4)

The Sales table contains records of sales by day from the last five years up until today's date.

You plan to create a measure to return the total sales Of March 2021 when March 2022 is selected.

Which DAX expression should you use?

- A. `TOTALYTD (SUM(Sales[Sales]), dimDate[Date])`
- B. `Calculate (SUM(Sales[Sales]), SAMEPERIODELASTYEAR(dimDate[Date]))`
- C. `SUM(Sales[Sales])`
- D. `Calculate (SUM(Sales[Sales]), PREVIOUSYEAR(dimDate[Date]))`

- A. Option A
- B. Option B
- C. option C

D. Option D

Answer: B

NEW QUESTION 181

- (Topic 4)

You have a Power BI workspace named Workspace1 that contains a dataset named DS1 and a report named RPT1. A user wants to create a report by using the data in DS1 and publish the report to another workspace. You need to provide the user with the appropriate access. The solution must minimize the number of access permissions granted to the user. What should you do?

- A. Share RPT1 with the user.
- B. Add the user as a Viewer of Workspace1.
- C. Add the user as a member of Workspace1.
- D. Grant the Build permission for DS1 to the user.

Answer: D

Explanation:

Microsoft says: To copy a report to another workspace, and to create a report in another workspace based on a dataset in the current workspace, you need Build permission for the dataset. For datasets in the original workspace, if you have at least the Contributor role, you automatically have Build permission through your workspace role. <https://learn.microsoft.com/en-us/power-bi/collaborate-share/service-roles-new-workspaces>

NEW QUESTION 185

- (Topic 4)

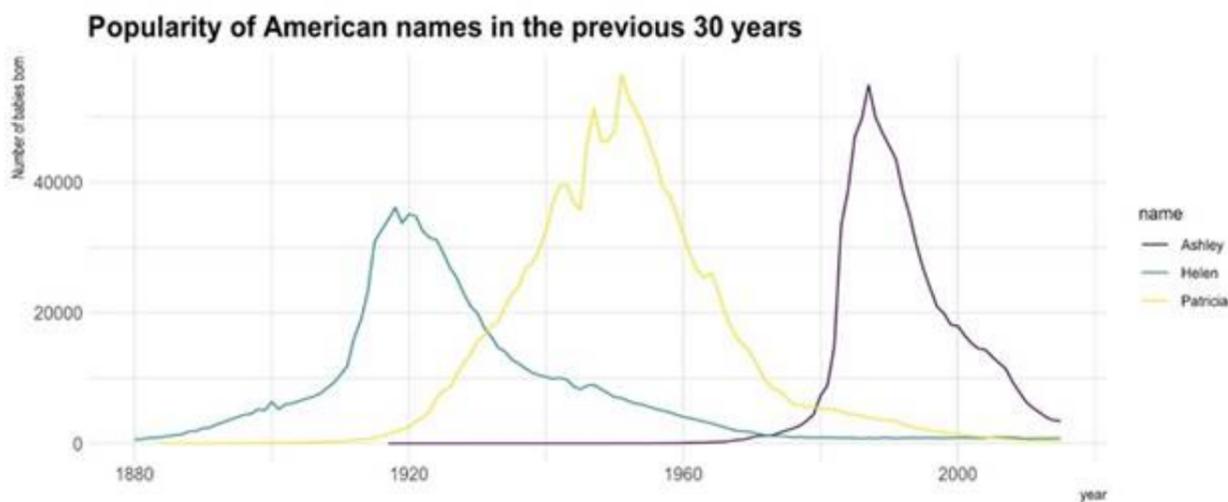
You need to create a visualization that compares revenue and cost over time. Which type of visualization should you use?

- 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 186

- (Topic 4)

You have a Power BI dataset that contains a table named Temperature Readings. Temperature Readings contains the columns shown in the following table.

Name	Data type	Value example
DateTime	DateTime	4-Aug-2020 13:30:01
Longitude	Decimal	10.049567988755534
Latitude	Decimal	53.462766759577057
TempCelsius	Decimal	12.5

The table has 12 million rows. All the columns are needed for analysis. You need to optimize the dataset to decrease the model size. The solution must not affect the precision of the data. What should you do?

- A. Split the DateTime column into separate date and time columns.
- B. Disable the Power Query load.

- C. Round the Longitude column two decimal places.
- D. Change the data type of the TempCelsius column to Integer

Answer: B

Explanation:

Disable Power Query load.

Power Query queries that are intended support data integration with other queries should not be loaded to the model. To avoid loading the query to the model, take care to ensure that you disable query load in these instances.

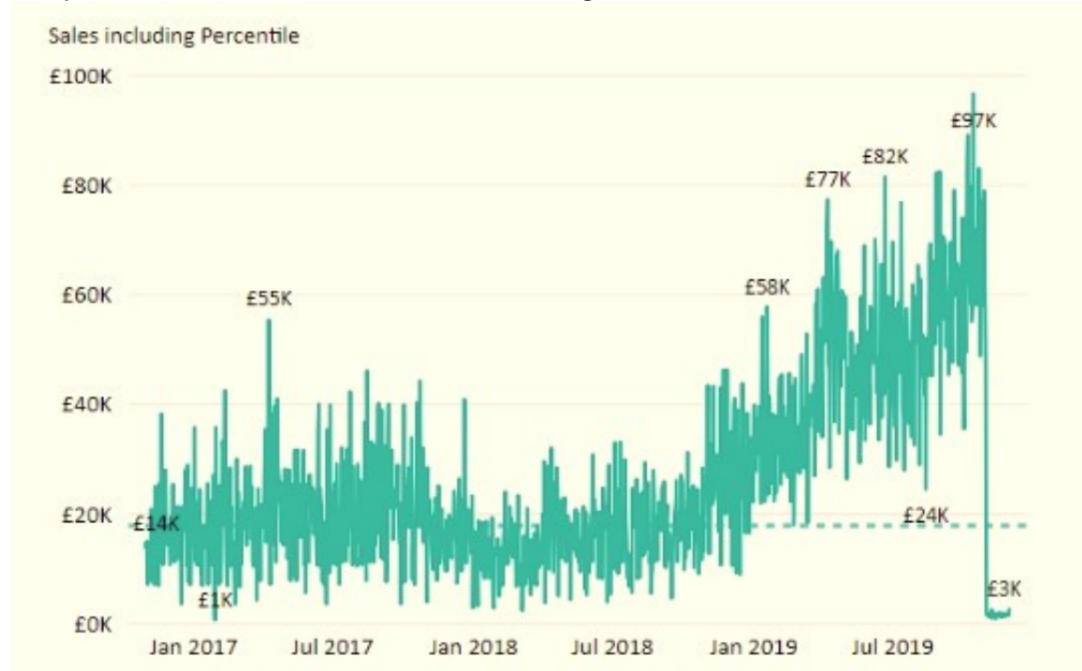
Reference:

<https://docs.microsoft.com/en-us/power-bi/guidance/import-modeling-data-reduction#disable-power-query-query-load>

NEW QUESTION 191

- (Topic 4)

You plan to create the chart shown in the following exhibit.



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

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

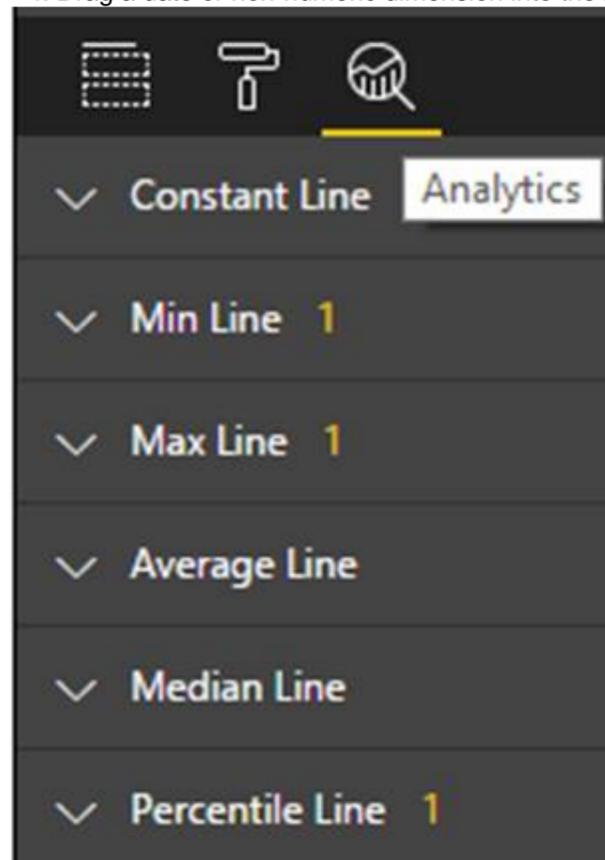
Answer: C

Explanation:

The analytics feature enables you to show percentiles across groups specified along a specific axis.

Example:

- * 1. Click on the analytics tab
- * 2. Select Percentile
- * 3. You can choose a specific percentile along with other formatting options.
- * 4. Drag a date or non-numeric dimension into the Axis of a column chart



^ Percentile Line 1

myPercentile X

+ Add

Measure Revenue

Perc.. 90 %

Color

Add percentile lines to monitor daily revenue



NEW QUESTION 192

- (Topic 4)

You import a large dataset to Power Query Editor.

You need to identify whether a column contains only unique values.

Which two Data Preview options can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point

- A. Show whitespace
- B. Column distribution
- C. Column profile
- D. Column quality
- E. Monospaced

Answer: AD

NEW QUESTION 196

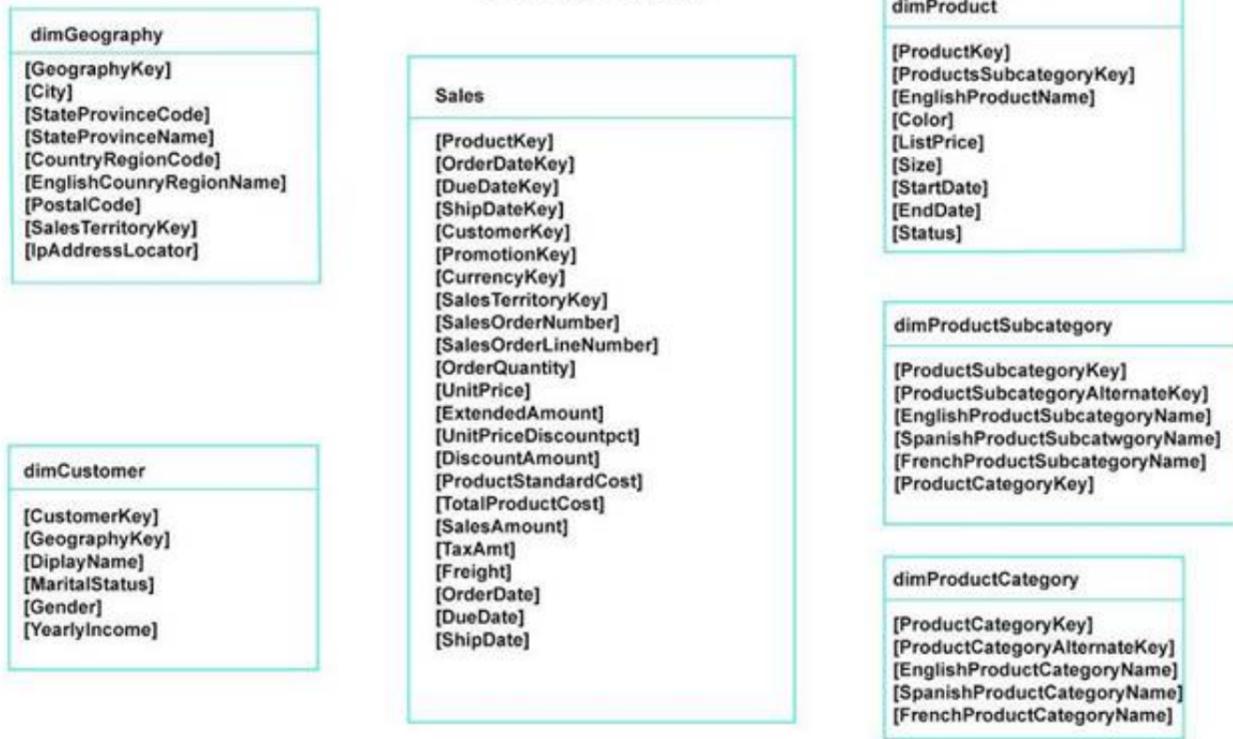
DRAG DROP - (Topic 4)

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.)

Database Diagram



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

Answer Area

- Table.Combine
- Table.RemovedColumns
- Table.RemoveRows
- Table.RenameColumns
- Table.ReorderColumns
- Table.SelectColumns

```
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:

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

NEW QUESTION 200

- (Topic 4)

You have a Power Bi report for the procurement department. The report contains data from the following tables.

Table name	Source	Description	Column name	Approximate record count
Suppliers	Microsoft Dynamics 365	A list of all the suppliers approved for use by the company.	<ul style="list-style-type: none"> • ID • Name • Country 	100,000
LineItems	Microsoft Dynamics 365	All individual purchases made by employees across the company. An average of five line items per invoice.	<ul style="list-style-type: none"> • ID • Invoice ID • Invoice Date • Supplier ID • Description • Units • Price per Unit • Discount • Price 	1,000,000,000

There is a one-to-many relationship from Suppliers to Lineitems that uses the ID and Supplier ID columns. The report contains the visuals shown in the following table.

Name	Used field	Filter
Supplier usage by count and value of invoices	Suppliers[ID] Suppliers[Name] LineItems[Invoice ID] LineItems[Price]	None
Spend by supplier location	Suppliers[Country] LineItems[Price]	None
Top 10 largest invoices last month	LineItems[Invoice ID] LineItems[Price]	LineItems[Invoice Date] in last calendar month

You need to minimize the size of the dataset without affecting the visuals. What should you do?

- A. Remove the rows from Lineitems where Lineitems[invoice Date] is before the beginning of last month
- B. Merge Suppliers and Uneltems.
- C. Group Lineitems by Lineitems[invoice id) and Lineitems[invoice Date) with a sum of Lineitems(price).
- D. Remove the Lineitems[Description] column.

Answer: D

NEW QUESTION 203

- (Topic 4)

You have the following three versions of an Azure SQL database:

? Test

? Production

? Development

You have a dataset that uses the development database as a data source.

You need to configure the dataset so that you can easily change the data source between the development, test, and production database servers from powerbi.com.

Which should you do?

- A. Create a JSON file that contains the database server name
- B. Import the JSON file to the dataset.
- C. Create a parameter and update the queries to use the parameter.
- D. Create a query for each database server and hide the development tables.
- E. Set the data source privacy level to Organizational and use the ReplaceValue Power Query M function.

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/learn/modules/create-manage-workspaces-power-bi/4-development-lifecycle-strategy>

NEW QUESTION 204

- (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 assign all the users the Viewer role to the workspace.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

"You have five reports and two dashboards in a workspace. You need to grant all organizational users read access to one dashboard and three reports"

NEW QUESTION 207

- (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.

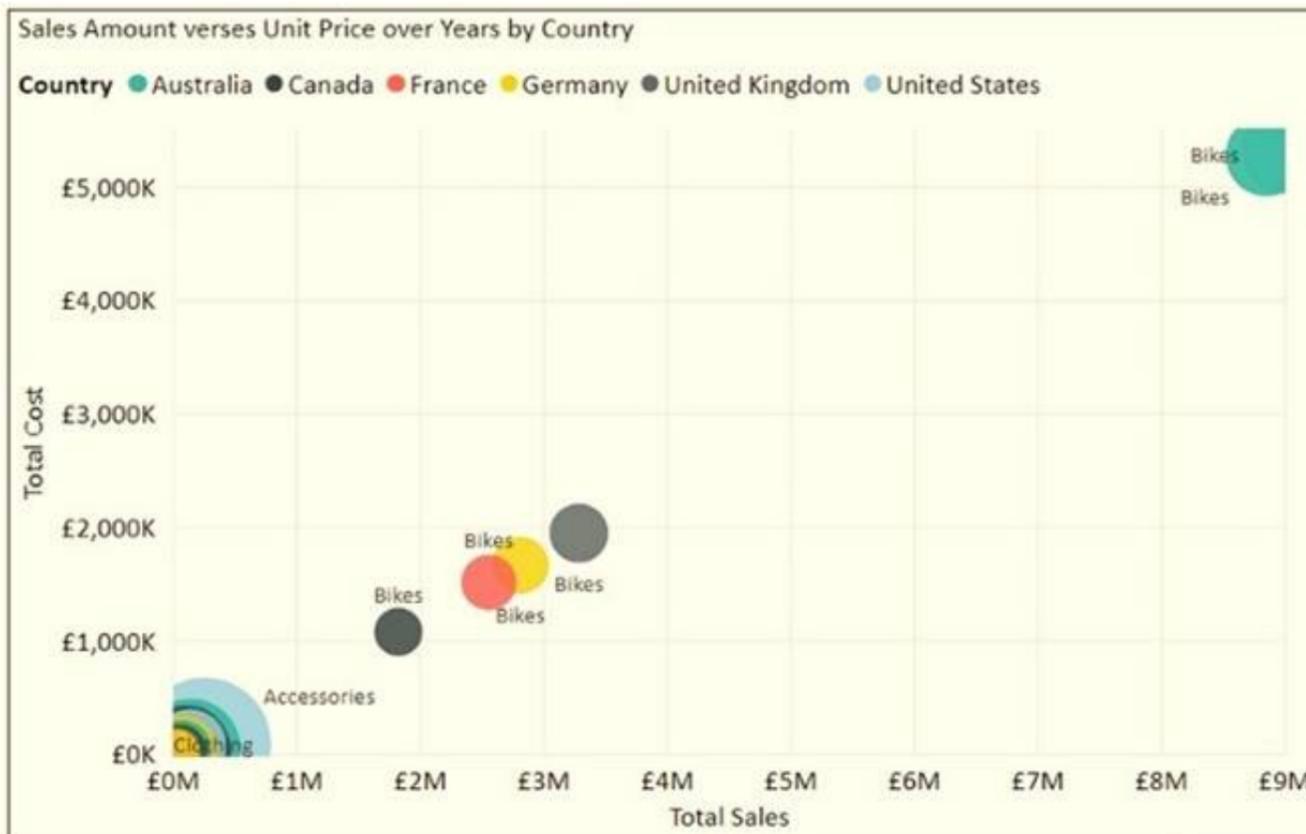
- A. Upload a snapshot.
- B. Select the dark dashboard theme.
- C. Turn on tile flow.
- D. When pinning visuals to the dashboard, select Use destination theme.
- E. For the browser, set the color preference to dark mode.

Answer: BD

NEW QUESTION 212

- (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 217

- (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 219

HOTSPOT - (Topic 4)

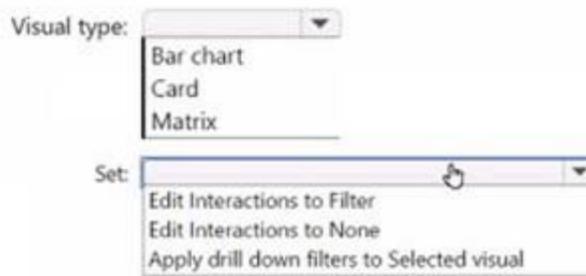
You have a Power BI report that contains a page. The page contains the following visuals:

- A card
- A matrix
- A bar chart

You need to configure the page to ensure that the card and the bar chart are unaffected when a user drills down in the matrix. The card and the bar chart must change when a user selects a cell in the matrix.

What should you configure? To answer, select the appropriate options in the answer area.

Answer Area

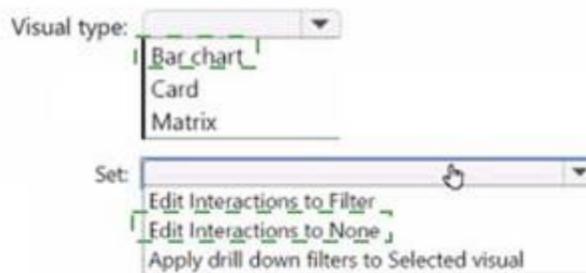


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 220

DRAG DROP - (Topic 4)

You are creating a Power BI model and report.

You have a single table in a data mode) named Product Product contains the following fields:

- ID
- Name
- Color
- Category
- Total Sales

You need to create a calculated table that shows only the top eight products based on the highest value in Total Sales.

How should you complete the DAX expression? To answer, drag the appropriate values to the coned 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.

Values		Answer Area
ASC	CALCULATETABLE	Top 8 Products = [] (8, 'Product', 'Product'[Total Sales], [])
DESC	MAXX	
RELATEDTABLE	TOPN	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Values		Answer Area
ASC	CALCULATETABLE	Top 8 Products = [TOPN] (8, 'Product', 'Product'[Total Sales], [DESC])
DESC	MAXX	
RELATEDTABLE	TOPN	

NEW QUESTION 225

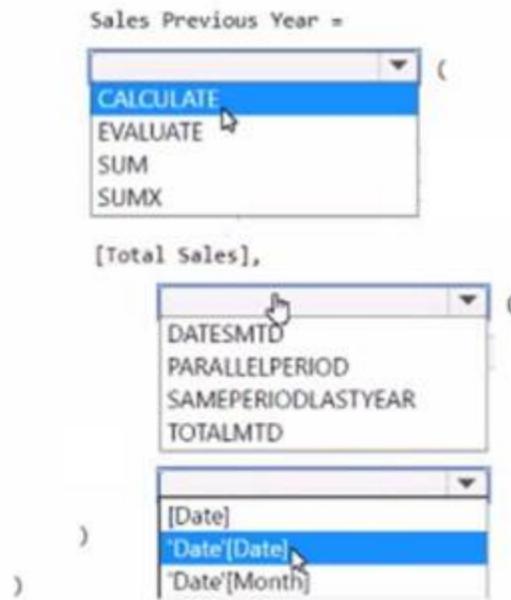
HOTSPOT - (Topic 4)

You have a Power BI model that contains a table named Sales and a related date table. Sales contains a measure named Total Sales You need to create a measure that calculates the total sales from the equivalent month of the previous year.

How should you complete the calculation? To answer, select the appropriate options in the answer area

NOTE: Each correct selection is worth one point.

Answer Area

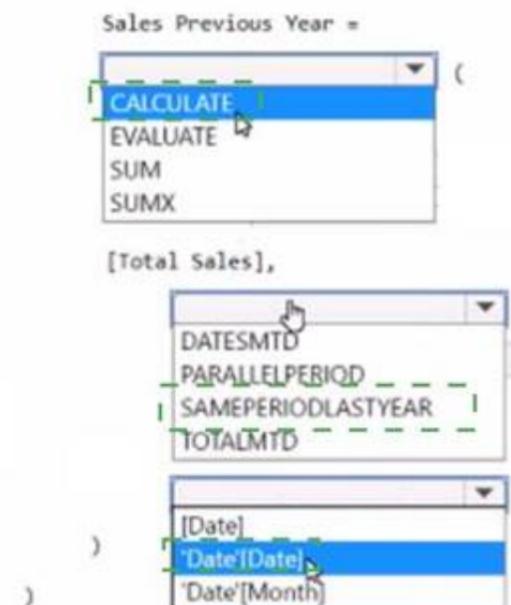


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 228

- (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 create active relationships between Sales and both Date tables in the modeling view.
- 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. Import the Date table twice in Power Query and create active relationships between Sales and both Date tables in the modeling view.

Answer: D

Explanation:

Microsoft recommends defining active relationships whenever possible. They widen the scope and potential of how your model can be used by report authors, and users working with Q&A.

Refactoring methodology (example): Here's a methodology to refactor a model from a single role-playing dimension-type table, to a design with one table per role.

? 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.

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>

<https://docs.microsoft.com/en-us/power-bi/guidance/relationships-active-inactive>

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