



# Microsoft

## Exam Questions PL-300

Microsoft Power BI Data Analyst

### NEW QUESTION 1

- (Topic 1)

You need to provide a solution to provide the sales managers with the required access. What should you include in the solution?

- A. Create a security role that has a table filter on the Sales\_Manager table where username = UserName()
- B. Create a security role that has a table filter on the Region\_Manager table where sales\_manager\_id = UserPrincipalName().
- C. Create a security role that has a table filter on the Sales\_Manager table where name = UserName().
- D. Create a security role that has a table filter on the Sales\_Manager table where username = sales\_manager\_id.

**Answer:** A

#### Explanation:

<https://powerbi.microsoft.com/en-us/blog/using-username-in-dax-with-row-level-security/>

### NEW QUESTION 2

- (Topic 1)

You need to create a relationship between the Weekly\_Returns table and the Date table to meet the reporting requirements of the regional managers. What should you do?

- A. In the Weekly\_Returns table, create a new calculated column named date-id in a format of yyyyymmdd and use the calculated column to create a relationship to the Date table.
- B. Add the Weekly\_Returns data to the Sales table by using related DAX functions.
- C. Create a new table based on the Date table where date-id is unique, and then create a many-to-many relationship to Weekly\_Return.

**Answer:** A

#### Explanation:

Scenario: Region managers require a visual to analyze weekly sales and returns. To relate the two tables we need a common column.

### NEW QUESTION 3

- (Topic 1)

What should you create to meet the reporting requirements of the sales department?

- A. a measure that uses a formula of SUM (Sales [sales\_id])
- B. a calculated column that use a formula of COUNTA(sales [sales\_id])
- C. a measure that uses a formula of COUNTROWS (Sales)
- D. a calculated column that uses a formula of SUM (Sales [sales\_id])

**Answer:** C

#### Explanation:

The sale department requires reports that contain the number of sales transactions.

The COUNTROWS function counts the number of rows in the specified table, or in a table defined by an expression.

Reference:

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

### NEW QUESTION 4

- (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 5

DRAG DROP - (Topic 2)

Once the profit and loss dataset is created, which four actions should you perform in sequence to ensure that the business unit analysts see the appropriate profit and loss data? 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
From powerbi.com, assign the analysts the Contributor role to the workspace.	
From powerbi.com, add role members to the roles.	
From Power BI Desktop, add a Table Filter DAX Expression to the roles.	
From Power BI Desktop, create four roles.	
From Power BI Desktop, publish the dataset to powerbi.com.	

➤  
➤

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls> <https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-build-permissions>

NEW QUESTION 6

HOTSPOT - (Topic 2)

You need to calculate the last day of the month in the balance sheet data to ensure that you can relate the balance sheet data to the Date table. Which type of calculation and which formula should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Type of calculation:

- A DAX calculated column
- A DAX calculated measure
- An M custom column

Formula:

- Date.EndOfMonth(#date([Year], [Month], 1))
- Date.EndOfQuarter(#date([Year], [Month], 1))
- ENDOFQUARTER(DATE('BalanceSheet'[Year],BalanceSheet[Month],1),0)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: A DAX Calculated measure  
Box 2: Date.EndOfQuarter(#date([Year],[Mont],1))  
ENDOFQUARTER returns the last date of the quarter in the current context for the specified column of dates. The following sample formula creates a measure that returns the end of the quarter, for the current context.  
= ENDOFQUARTER(DateTime[DateKey])

NEW QUESTION 7

- (Topic 2)

Which DAX expression should you use to get the ending balances in the balance sheet reports?

- A. CALCULATE (SUM( BalanceSheet [BalanceAmount] ), DATESQTD( 'Date'[Date] ))
- B. CALCULATE (SUM( BalanceSheet [BalanceAmount] ), LASTDATE( 'Date'[Date] ))
- C. FIRSTNONBLANK ( 'Date' [Date]SUM( BalanceSheet[BalanceAmount] ))
- D. CALCULATE (MAX( BalanceSheet[BalanceAmount] ), LASTDATE( 'Date' [Date] ))

Answer: A

Explanation:

Scenario: At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.  
DATESQTD returns a table that contains a column of the dates for the quarter to date, in the current context.  
Reference:  
<https://docs.microsoft.com/en-us/dax/datesqtd-function-dax>

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 =
    CALCULATE (
        COUNTROWS ( 'Orders' ),
        FILTER (
            'Orders',
            Orders[OrderDate] > 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 have the Power BI model shown in the following exhibit.



There are four departments in the Departments table.  
You need to ensure that users can see the data of their respective department only. What should you do?



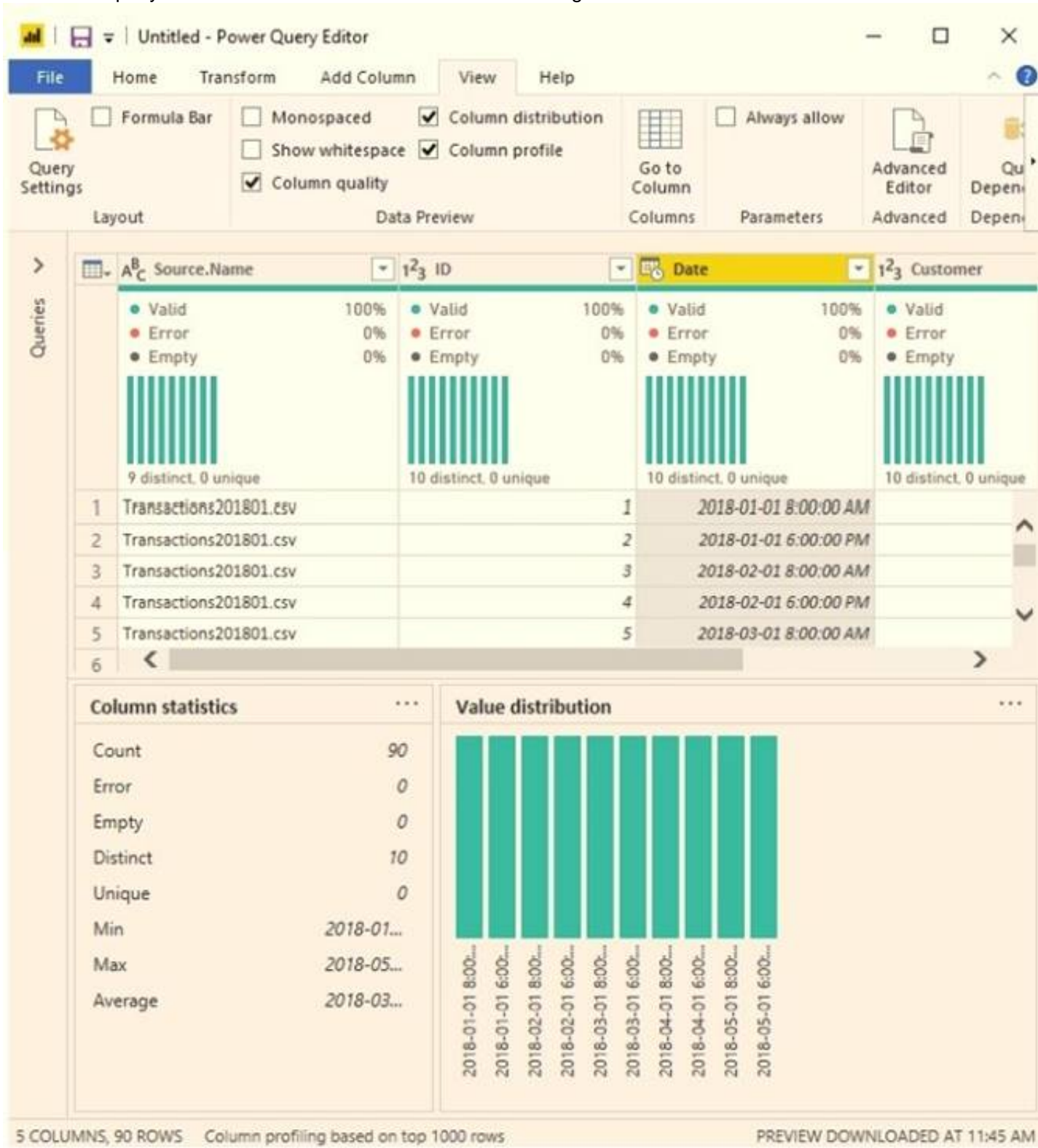
- A. Create a row-level security (RLS) role for each department, and then define the membership of the role.
- B. Create a DepartmentID parameter to filter the Departments table.
- C. To the ConfidentialData table, add a calculated measure that uses the currentgroup DAX function.
- D. Create a slicer that filters Departments based on DepartmentID.

Answer: A

NEW QUESTION 10

HOTSPOT - (Topic 4)

You view a query named Transactions as shown in the following exhibit.



The query gets CSV files from a folder.

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

There are [answer choice] CSV files:

Removing duplicates based on the Date column will reduce the dataset to [answer choice] rows:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: 9

9 distinct CSV files.

Box 2: 10

10 distinct dates.

<https://pediaa.com/what-is-the-difference-between-unique-and-distinct-in-sql/#:~:text=Unique%20and%20Distinct%20are%20two%20SQL%20constraints.,the%20re%20ords%20from%20a%20table.>

### NEW QUESTION 13

HOTSPOT - (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 14

- (Topic 4)

You have a Power Bi model mat contains a table named Date. The Date table contains the following columns:

- Date
- Fiscal year
- Fiscal Quartet
- Month Name
- Calendar Year
- Week Number
- Month Number
- Calendar Quarter

You need to create a calculated table based on the Date table. The calculated tab\*e must contain only unique combinations of values for Calendar Year. Calendar Quarter and Calendar Month. Which DAX function should you include in the table deflation?

- A. DATATABLE  
 B. ADDCOLUMNS  
 C. SUMMARIZE  
 D. CALCULATE

**Answer:** C

### NEW QUESTION 15

DRAG DROP - (Topic 4)

You plan to create a report that will display sales data from the last year for multiple regions  
You need to restrict access to individual rows of the data on a per region-basis by using roles.  
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

Publish the report.

Import the data to Power BI Desktop.

Add a filter to the report.

Create a role definition.

Assign users to the role.

>

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Answer Area

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- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Publish the report.

Import the data to Power BI Desktop.

Add a filter to the report.

Create a role definition.

Assign users to the role.

>

<

Answer Area

Import the data to Power BI Desktop.

Create a role definition.

Assign users to the role.

Publish the report.

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NEW QUESTION 18

- (Topic 4)

You are creating a query to be used as a Country dimension in a star schema. A snapshot of the source data is shown in the following table.

Country	City
USA	Seattle
USA	New York
USA	Denver
UK	Manchester
UK	London
Japan	Tokyo
Brazil	Rio
Brazil	Sao Paulo

You need to create the dimension. The dimension must contain a list of unique countries. Which two actions should you perform? Each correct answer presents part of the solution.

- A. Remove duplicates from the Country column.
- B. Remove duplicates from the City column.
- C. |Remove duplicates from the table.
- D. Delete the City column.
- E. Delete the Country column.

Answer: AD

Explanation:

To create a dimension table for Country from your source data, you need to perform these two actions34:  
? Delete the City column. You don't need this column for your Country dimension, as it is not a descriptive attribute of Country. You can create another dimension table for City if you want to use it in your analysis.  
? Remove duplicates from the Country column. You want to have a list of unique countries in your dimension table, so you need to remove any duplicate values from this 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 I, 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 25

- (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 add a Power Apps custom visual to the report. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

#### NEW QUESTION 26

- (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 a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create an average line by using the Salary measure. Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### Explanation:

Instead create a percentile line by using the Salary measure and set the percentile to 50%. Note: The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.

Reference:

[https://dash-intel.com/powerbi/statistical\\_functions\\_percentile.php](https://dash-intel.com/powerbi/statistical_functions_percentile.php)

#### NEW QUESTION 27

FILL IN THE BLANK - (Topic 4)

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.

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Answer as below

#### NEW QUESTION 28

- (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

HOTSPOT - (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:

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.

NEW QUESTION 38

HOTSPOT - (Topic 4)

You need to create a Power BI report. The first page of 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:**



#### NEW QUESTION 42

- (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 46

- (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 50

- (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.

From Power Query Editor, you profile the data shown in the following exhibit.

	IoT GUID	IoT DateTime	IoT ID
	<div><div>Valid</div><div>Error</div><div>Empty</div></div> <div>100%</div> <div>0%</div> <div>0%</div>	<div><div>Valid</div><div>Error</div><div>Empty</div></div> <div>100%</div> <div>0%</div> <div>0%</div>	<div><div>Valid</div><div>Error</div><div>Empty</div></div> <div>100%</div> <div>0%</div> <div>0%</div>
1	48196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:25	100001000
2	49196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:26	100001001
3	0300C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001002
4	0400C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001003
5	0500C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001004
6	0600C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001005

The IOT ID columns are unique to each row in query.  
You need to analyze 10T events by the hour and day of the year. The solution must improve dataset performance.  
Solution: You create a custom column that concatenates the 10T GUID column and the IoT ID column and then delete the IoT GUID and IoT ID columns.  
Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 54

HOTSPOT - (Topic 4)

You are creating a column chart visualization.  
You configure groups as shown in the Groups exhibit. {Click the Groups tab.}

Groups

Name

Sepal.Width (bins)

Field

Sepal.Width

Group type

Bin

Min value

2

Bin Type

Number of bins

Max value

4.4

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

Bin count

10

Bin size

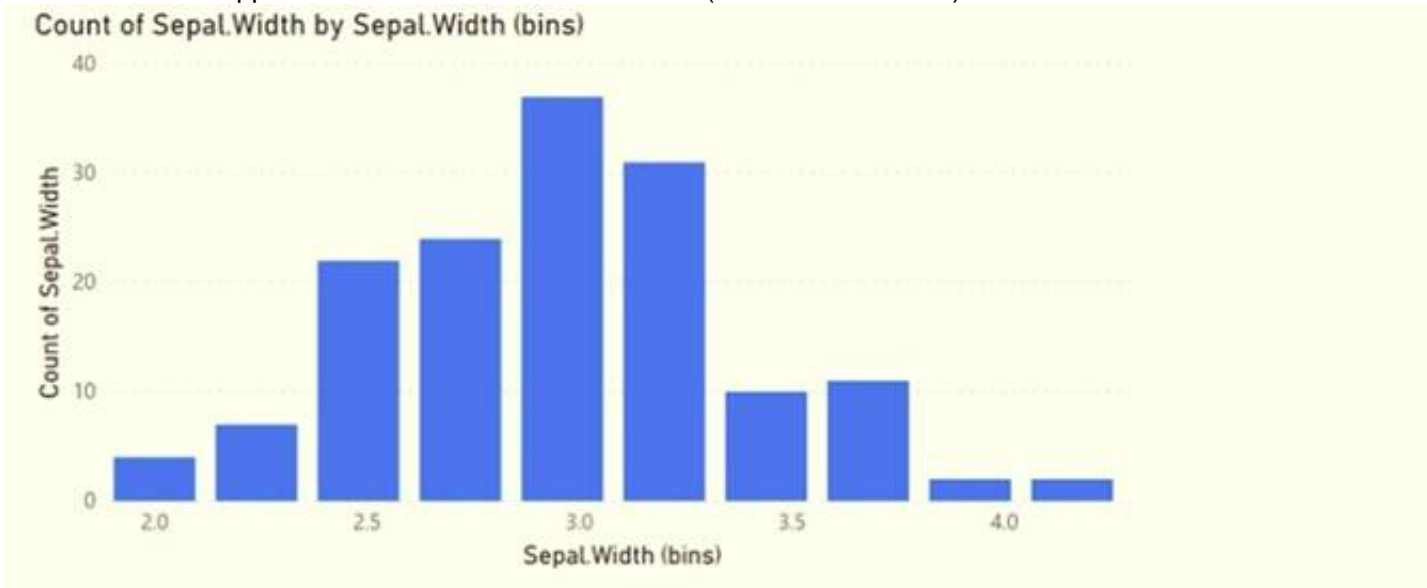
0.24000000000000005

Reset to default

OK

Cancel

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



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

Answer Area

Statements

Yes

No

The data is segmented into 10 groups.

☐

☐

The data was split into deciles.

☐

☐

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

☐

☐



- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area	Statements	Yes	No
	The data is segmented into 10 groups.	<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 58

- (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 61

- (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 62

DRAG DROP - (Topic 4)

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

You create two row-level security (RLS) roles named Manager and CFO. You plan to publish the dataset to the Power BI service.

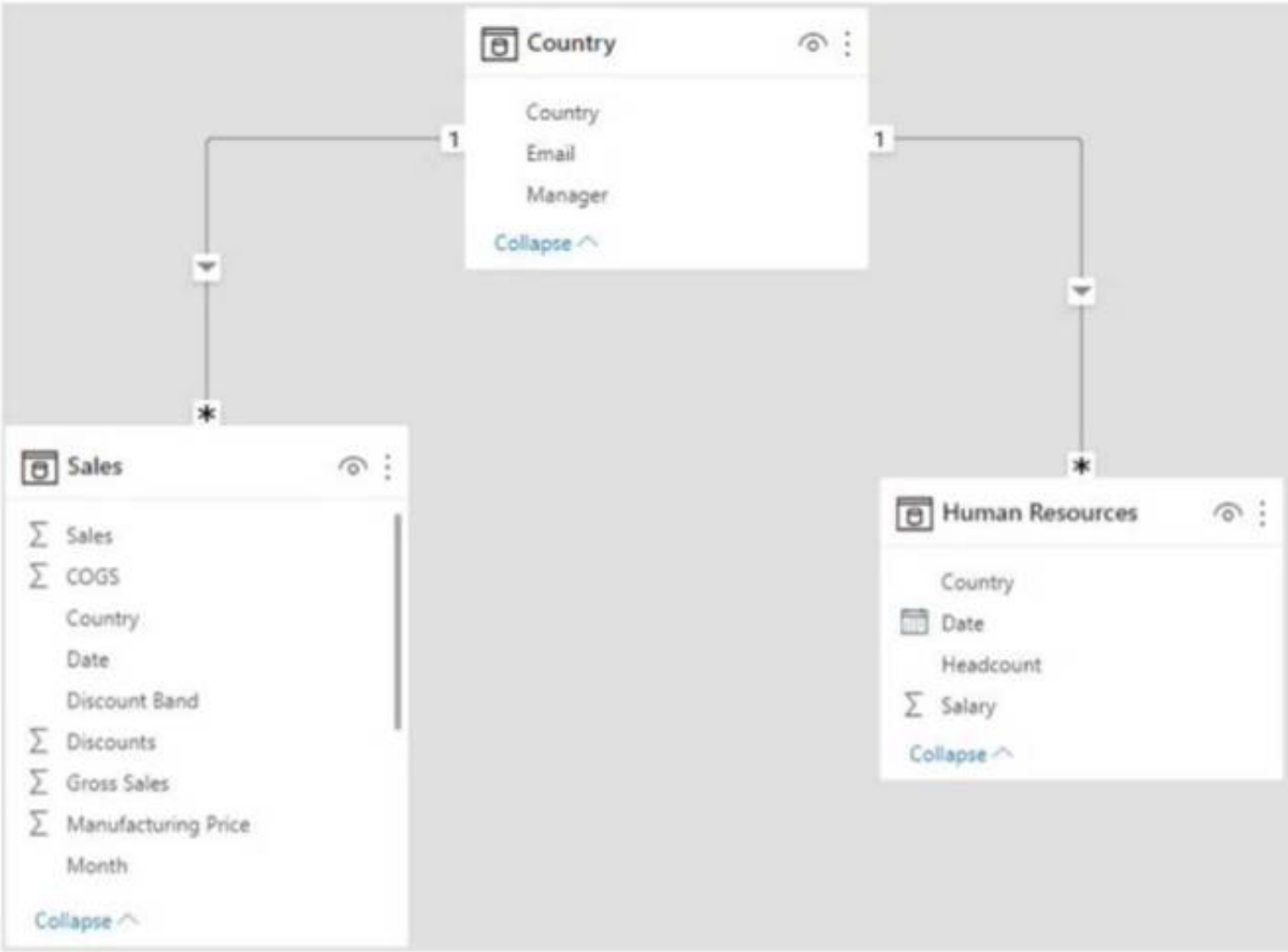
You need to create DAX expressions for the RLS filters. The solution must meet the following requirements:

- Each manager must see only the data in the Sales and Human Resources tables for their own country.
- The CFO must be prevented from seeing the data in the Human Resources table.
- The CFO must see the sales data of all countries.

How should you complete the DAX expressions to meet the requirements? To answer, drag the appropriate expressions to the correct targets. Each expression 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.





The Country table contains the following data.

Country	Manager	Email
USA	CFO	cfo@msn.com
France	Phillipe	phillipe@msn.com
Brazil	Juan	juan@msn.com
Singapore	Srini	srini@msn.com

You plan to publish the dataset to the Power BI service.

You need to create DAX expressions for the RLS filters. The solution must meet the following requirements:

- Each manager must see only the data in the Sales and Human Resources tables for their own country.
- The CFO must be prevented from seeing the data in the Human Resources table.
- The CFO must see the sales data of all countries.

How should you complete the DAX expressions to meet the requirements? To answer, drag the appropriate expressions to the correct targets. Each expression 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.

Table Filter DAX Expression

[Country]= "USA"

[Email]= userprincipalname()

[Manager]= "CFO"

False()

True()

Answer Area

Human Resources:

Country:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Table Filter DAX Expression

[Country]= "USA"

[Email]= userprincipalname()

[Manager]= "CFO"

False()

True()

Answer Area

Human Resources:

Country:

You have a Power BI report that uses row-level security (RLS).

You need to transfer RLS membership maintenance to an Azure network security team. The solution must NOT provide the Azure network security team with the ability to manage reports, datasets, or dashboards.

What should you do?

- A. Add the Azure network security team as members of the RLS role.
- B. Instruct the Azure network security team to create security group
- C. Configure RLS to use the groups.
- D. Configure custom instructions for the Request access feature that instructs users to contact the Azure network security team.
- E. Grant the Read and Build permissions for the Power BI datasets to the Azure network security team.

**Answer: B**

**Explanation:**

It is common practice that the PBI developer creates RLS groups and instructs the network team to create the corresponding AD roles. Then the developer assigns the AD groups to the RLS groups.

**NEW QUESTION 68**

- (Topic 4)

You have four sales regions. Each region has multiple sales managers.

You implement row-level security (RLS) in a data model. You assign the relevant distribution lists to each role.

You have sales reports that enable analysis by region. The sales managers can view the sales records of their region. The sales managers are prevented from viewing records from other regions.

A sales manager changes to a different region.

You need to ensure that the sales manager can see the correct sales data. What should you do?

- A. From Microsoft Power BI Desktop, edit the Row-Level Security setting for the reports.
- B. Change the Microsoft Power BI license type of the sales manager.
- C. Manage the permissions of the underlying dataset
- D. Request that the sales manager be added to the correct Azure Active Directory group.

**Answer: D**

**Explanation:**

Using AD Security Groups, you no longer need to maintain a long list of users.

All that you will need to do is to put in the AD Security group with the required permissions and Power BI will do the REST! This means a small and simple security file with the permissions and AD Security group.

Note: Configure role mappings

Once published to Power BI, you must map members to dataset roles.

Members can be user accounts or security groups. Whenever possible, we recommend you map security groups to dataset roles. It involves managing security group memberships in Azure Active Directory. Possibly, it delegates the task to your network administrators.

Reference:

<https://www.fourmoo.com/2018/02/20/dynamic-row-level-security-is-easy-with-active-directory-security-groups/>

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

**NEW QUESTION 72**

HOTSPOT - (Topic 4)

You plan to create a Power BI dataset to analyze attendance at a school. Data will come from two separate views named View1 and View2 in an Azure SQL database. View1 contains the columns shown in the following table.

Name	Data type
Attendance Date	Date
Student ID	Bigint
Period Number	Tinyint
Class ID	Int

View2 contains the columns shown in the following table.

Name	Data type
Class ID	Bigint
Class Name	Varchar(200)
Class Subject	Varchar(100)
Teacher ID	Int
Teacher First Name	Varchar(100)
Teacher Last Name	Varchar(100)
Period Number	Tinyint
School Year	Varchar(50)
Period Start Time	Time
Period End Time	Time

The views can be related based on the Class ID column.

Class ID is the unique identifier for the specified class, period, teacher, and school year. For example, the same class can be taught by the same teacher during two different periods, but the class will have a different class ID.

You need to design a star schema data model by using the data in both views. The solution must facilitate the following analysis:

- ? The count of classes that occur by period
- ? The count of students in attendance by period by day
- ? The average number of students attending a class each month

In which table should you include the Teacher First Name and Period Number fields? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Teacher First Name:

Attendance fact

**Class dimension**

Teacher dimension

Teacher fact

Period Number:

Attendance fact

Class dimension

Period dimension

Period fact

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
Teacher dimension Class dimension

NEW QUESTION 76

DRAG DROP - (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

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 81

- (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.

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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:**

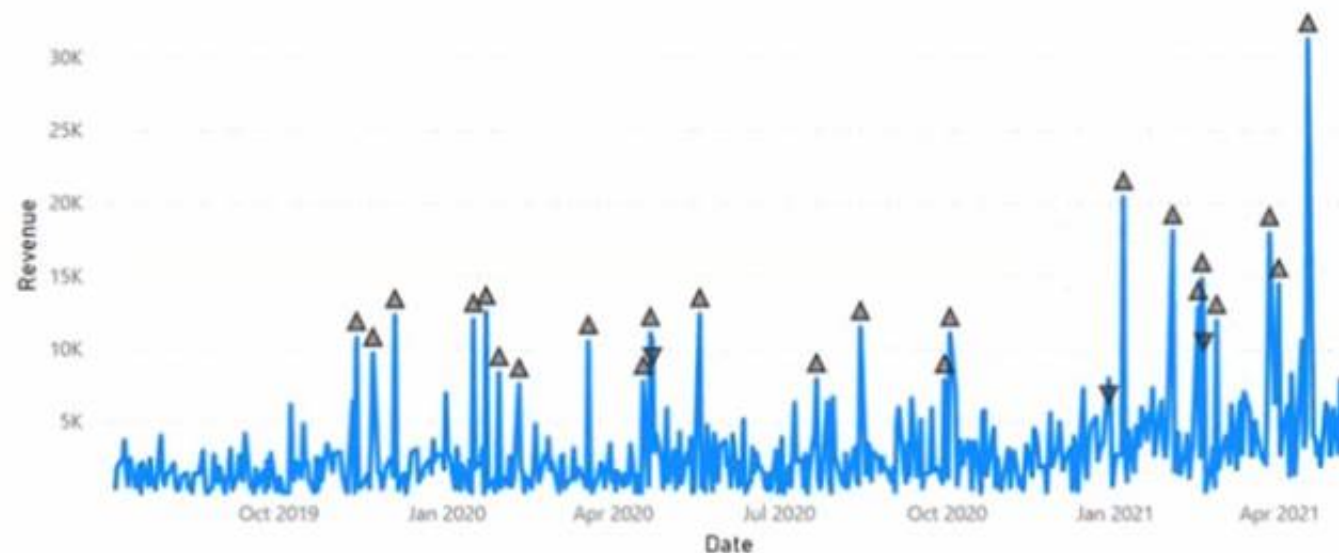
References: <https://docs.microsoft.com/en-us/power-bi/service-q-and-a-direct-query#limitations-during-public-preview>

#### NEW QUESTION 82

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 86

HOTSPOT - (Topic 4)

You have a dataset that has the permissions 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

Users in the finance group can [answer choice] the dataset.

assign sensitivity labels to
use Analyze in Excel with
delete

Users in the corp group can [answer choice] the dataset.

grant the Build permission for
grant the Read permission for
remove a table from

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Users in the finance group can [answer choice] the dataset.

assign sensitivity labels to
use Analyze in Excel with
delete

Users in the corp group can [answer choice] the dataset.

grant the Build permission for
grant the Read permission for
remove a table from

NEW QUESTION 90

- (Topic 4)  
You are developing a report page. Some users will navigate the report by using a keyboard, and some users will consume the report by using a screen reader. You need to ensure that the users can consume the content on a report page in a logical order. What should you configure in Microsoft Power BI Desktop?

- A. the bookmark order
- B. the layer order
- C. the tab order
- D. the X position

Answer: C

Explanation:

If you find yourself unable to navigate to an object or visual while using a keyboard, it may be because the report author has decided to hide that object from the tab order. Report authors commonly hide decorative objects from the tab order. If you find that you cannot tab through a report in a logical manner, you should contact the report author. Report authors can set the tab order for objects and visuals.

Reference:  
<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-consuming- tools>

NEW QUESTION 93

DRAG DROP - (Topic 4)  
In Power Query Editor, you have three queries named ProductCategory, ProductSubCategory, and Product. Every Product has a ProductSubCategory. Not every ProductSubCategory has a parent ProductCategory. You need to merge the three queries into a single query. The solution must ensure the best performance in Power Query. How should you merge the tables? To answer, drag the appropriate merge types to the correct queries. Each merge type 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.

Join kinds

Full outer

Inner

Left anti

Left outer

Right anti

Right outer

Answer Area

Left Table	Right Table	Join Kind
Product	ProductSubCategory	Join kind
ProductSubCategory	ProductCategory	Join kind

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Join kinds

Full outer

Inner

Left anti

Left outer

Right anti

Right outer

Answer Area

Left Table	Right Table	Join Kind
Product	ProductSubCategory	Inner
ProductSubCategory	ProductCategory	Left outer

NEW QUESTION 97

- (Topic 4)  
You attempt to connect Purer 81 Desktop to a Cassandra database.  
From the Get Data connector list you discover that there is no specific connector for the Cassandra database,  
You need to select an alternate data connector that will connect to the database. Which of connector should you choose?

- A. Microsoft SQL Server database
- B. ODBC
- C. OData
- D. OLE DB

Answer: B

NEW QUESTION 99

- (Topic 4)  
You have a Power BI workspace that contains several reports.  
You need to provide a user with the ability to create a dashboard that will use the visuals from the reports.  
What should you do?

- A. Grant the Read permission for the datasets to the user.
- B. Add the user as a Viewer of the workspace.
- C. Share the reports with the user.
- D. Create a row-level security (RLS) role and add the user to the role.
- E. Add the user as a member of the workspace.

Answer: B

NEW QUESTION 102

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

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.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

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.

Answer Area

NEW QUESTION 106

- (Topic 4)

In Power BI Desktop, you are building a sales report that contains two tables. Both tables have row-level security (RLS) configured.

You need to create a relationship between the tables. The solution must ensure that bidirectional cross-filtering honors the RLS settings.

What should you do?

- A. Create an active relationship between the tables and select Assume referential integrity.
- B. Create an inactive relationship between the tables and select Assume referential integrity.
- C. Create an inactive relationship between the tables and select Apply security filter in both directions.
- D. Create an active relationship between the tables and select Apply security filter in both directions.

Answer: D

Explanation:

By default, row-level security filtering uses single-directional filters, whether the relationships are set to single direction or bi-directional. You can manually enable bi- directional cross-filtering with row-level security by selecting the relationship and checking the Apply security filter in both directions checkbox. Select this option when you've also implemented dynamic row-level security at the server level, where row-level security is based on username or login ID.

Cardinality

Cross filter direction

Many to one (\*:1)

Both

☒ Make this relationship active

☐ Assume referential integrity

☒ Apply security filter in both directions

OK

Cancel

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

NEW QUESTION 109

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.

SQL Server database

Server ⓘ

Database (optional)

Data Connectivity mode ⓘ  

☒ Import

☐ DirectQuery

⌵ Advanced options  
Command timeout in minutes (optional)

SQL statement (optional, requires database)

☒ Include relationship columns

☐ Navigate using full hierarchy

☐ Enable SQL Server Failover support

OK

Cancel

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].

unlimited  
one minute  
10 minutes

The Navigator will display [answer choice].

all the tables  
only tables that contain data  
only tables that contain hierarchies

- 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
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 113

- (Topic 4)  
What should you create to meet the reporting requirements of the sales department?

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



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

**Answer:** C

#### NEW QUESTION 114

- (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 119

- (Topic 4)

You have an on-premises Power BI Report Server.

You plan to create a report in Power BI Desktop and publish the report to the report server. Which data source should the report use?

- A. Microsoft Azure SQL Database
- B. a Microsoft SQL Server database
- C. a Microsoft SQL Server Analysis Services (SSAS) database
- D. Microsoft Excel

**Answer:** C

#### Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/report-server/quickstart-create-powerbi-report> <https://docs.microsoft.com/en-us/power-bi/report-server/connect-data-sources>

#### NEW QUESTION 124

- (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 129

- (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 a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create a median line by using the Salary measure. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

#### Explanation:

The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.

Reference:

[https://dash-intel.com/powerbi/statistical\\_functions\\_median.php](https://dash-intel.com/powerbi/statistical_functions_median.php)

#### NEW QUESTION 130

- (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 134

HOTSPOT - (Topic 4)

You have a Power BI report. You have the following tables.

Name	Description
Balances	The table contains daily records of closing balances for every active bank account. The closing balances appear for every day the account is live, including the last day.
Date	The table contains a record per day for the calendar years of 2000 to 2025. There is a hierarchy for financial year, quarter, month, and day.

You have the following DAX measure.

**Accounts :=**  
**CALCULATE (**

**Answer Area**

Statements	Yes	No
A table visual that displays the date hierarchy at the year level and the [Accounts] measure will show the total number of accounts that were live throughout the year.	<input type="radio"/>	<input type="radio"/>
A table visual that displays the date hierarchy at the month level and the [Accounts] measure will show the total number of accounts that were live throughout the month.	<input type="radio"/>	<input type="radio"/>
A table visual that displays the date hierarchy at the day level and the [Accounts] measure will show the total number of accounts that were live that day.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements

A table visual that displays the date hierarchy at the year level and the [Accounts] measure will show the total number of accounts that were live throughout the year.

A table visual that displays the date hierarchy at the month level and the [Accounts] measure will show the total number of accounts that were live throughout the month.

A table visual that displays the date hierarchy at the day level and the [Accounts] measure will show the total number of accounts that were live that day.

Yes

No

☐

☐

☐

☐

☐

☐

NEW QUESTION 137

- (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.

From Power Query Editor, you profile the data shown in the following exhibit.

	IoT GUID	IoT DateTime	IoT ID
	<div><div>Valid</div><div>Error</div><div>Empty</div></div> <div>100%</div> <div>0%</div> <div>0%</div>	<div><div>Valid</div><div>Error</div><div>Empty</div></div> <div>100%</div> <div>0%</div> <div>0%</div>	<div><div>Valid</div><div>Error</div><div>Empty</div></div> <div>100%</div> <div>0%</div> <div>0%</div>
1	48196321-38D9-EC11-8B3D-0022489A2...	21/05/2022 18:59:25	100001000
2	49196321-38D9-EC11-8B3D-0022489A2...	21/05/2022 18:59:26	100001001
3	0300C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001002
4	0400C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001003
5	0500C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001004
6	0600C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001005

The IoT GUID and IoT ID columns are unique to each row in query.

You need to analyze IoT events by the hour and day of the year. The solution must improve dataset performance.

Solution: You remove the IoT GUID column and retain the IoT ID column. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 141

- (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: A

NEW QUESTION 143

- (Topic 4)

You have a Microsoft SharePoint Online site that contains several document libraries. One of the document libraries contains manufacturing reports saved as Microsoft Excel files. All the manufacturing reports have the same data structure.

You need to load only the manufacturing reports to a table for analysis. What should you do in Microsoft Power BI Desktop?

- A. Get data from a SharePoint Online folder, enter the site URL, and then select Combine& Load.
- B. Get data from a SharePoint Online list and enter the site UR
- C. Edit the query and filter by the path to the manufacturing reports library.
- D. Get data from a SharePoint Online folder and enter the site UR
- E. Edit the query and filter by the path to the manufacturing reports library.
- F. Get data from a SharePoint Online list, enter the site URL, and then select Combine & Load.

Answer: B

Explanation:

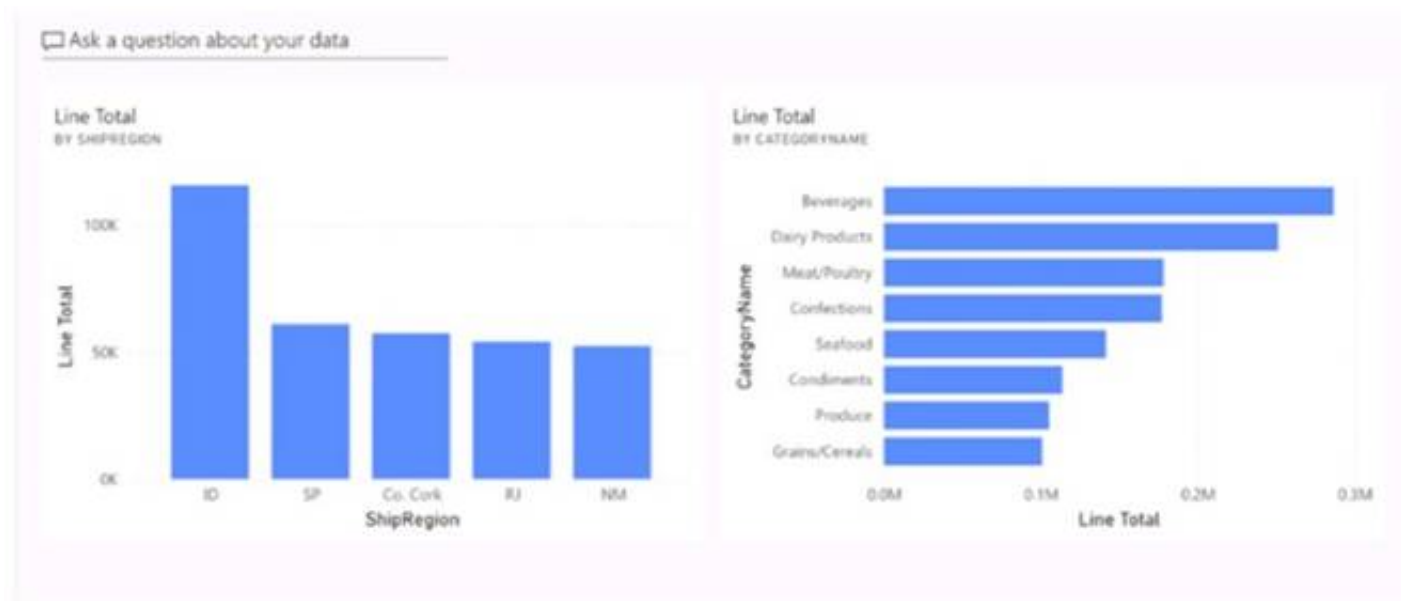
We have to import Excel files from SharePoint, so we need the connector SharePoint folder which is used to get access to the files stored in the library. SharePoint list is a collection of content that has rows and columns (like a table) and is used for task lists, calendars, etc. Since we have to filter only on manufacturing reports, we have to select Transform and then filter by the corresponding folder path.

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

NEW QUESTION 147

- (Topic 4)

You have the dashboard shown in the following exhibit.



You need to modify the dashboard to display as shown in the following exhibit.



What should you do?

- A. Create and apply a custom dashboard theme.
- B. Change the colors of the visuals in the report.
- C. Apply the Dark dashboard theme.
- D. Upload a snapshot image of the dashboard.

**Answer:** A

#### NEW QUESTION 150

- (Topic 4)

You are creating a report in Power BI Desktop.

You load a data extract that includes a free text field named col1.

You need to analyze the frequency distribution of the string lengths in col1. The solution must not affect the size of the model.

What should you do?

- A. In the report, add a DAX calculated column that calculates the length of col1
- B. In the report, add a DAX function that calculates the average length of col1
- C. From Power Query Editor, add a column that calculates the length of col1
- D. From Power Query Editor, change the distribution for the Column profile to group by length for col1

**Answer:** A

#### Explanation:

From Power Query.. highlight the column.. from the tab view select Column Profile Option.. in the Value distribution section that appears below, from the 3dots.. you can change to group by text length distribution

#### NEW QUESTION 153

- (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: For each date foreign key, you add inactive relationships between the sales table and the date table.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### Explanation:

You can reference an inactive relationship with DAX function USERELATIONSHIP(), but using DAX is not mentioned here. So follow this refactory methodology:



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.

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

#### NEW QUESTION 158

- (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 161

- (Topic 4)

You have a Rawer BI report That imports a dace 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: From the Fields pane, you rename the date table as Due Date. You use a DAX expression to create Order Date and Delivery Date as calculated tables.

You create active relationships between the sales table and each date table.

Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

#### NEW QUESTION 164

- (Topic 4)

You have a Microsoft Power BI report. The size of PBIX file is 550 MB. The report is accessed by using an App workspace in shared capacity of powerbi.com.

The report uses an imported dataset that contains one fact table. The fact table contains 12 million rows. The dataset is scheduled to refresh twice a day at 08:00 and 17:00.

The report is a single page that contains 15 AppSource visuals and 10 default visuals. Users say that the report is slow to load the visuals when they access and interact with the report.

You need to recommend a solution to improve the performance of the report. What should you recommend?

- A. Change any DAX measures to use iterator functions.
- B. Replace the default visuals with AppSource visuals.
- C. Change the imported dataset to DirectQuery.
- D. Remove unused columns from tables in the data model.

**Answer: D**

#### Explanation:

DirectQuery: No data is imported or copied into Power BI Desktop.

Import: The selected tables and columns are imported into Power BI Desktop. As you create or interact with a visualization, Power BI Desktop uses the imported data.

Benefits of using DirectQuery

There are a few benefits to using DirectQuery:

? DirectQuery lets you build visualizations over very large datasets, where it would otherwise be unfeasible to first import all the data with pre-aggregation.

? Underlying data changes can require a refresh of data. For some reports, the need to display current data can require large data transfers, making reimporting data unfeasible. By contrast, DirectQuery reports always use current data.

The 1-GB dataset limitation doesn't apply to DirectQuery. Reference:

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

#### NEW QUESTION 165

- (Topic 4)

You have a Power B1 report that contains the visuals shown in the following table.

Type	Horizontal coordinate	Vertical coordinate
Table	300	200
Clustered column chart	700	200
Slicer	20	100

You need to modify the location of each visual. What should you modify for each visual?

- A. the layer order
- B. the padding

- C. the position
- D. the tab order

Answer: C

NEW QUESTION 168

- (Topic 4)  
In the Power BI service, you create an app workplace that contains several dashboards.  
You need to provide a user named user1@contoso.com with the ability to edit and publish dashboards.  
What should you do?

- A. Modify the members of the app workspace.
- B. Configure security for the dataset used by the app.
- C. Share the dashboard, and then modify the Access settings of the dashboard.
- D. From the app workspace, click Update app, and then configure the Access settings.

Answer: C

NEW QUESTION 171

DRAG DROP - (Topic 4)  
You have a Power BI model that contains a table named Sales. Sales has the following three measures:  
? A measure named Total Sales Last Year that displays the sales from the previous calendar year. The current value is 32.89 million.  
? A measure named Total Sales This Year that displays the sales from the current calendar year. The current value is 11.69 million.  
? A measure named Total Sales Difference that uses a DAX formula of Sales[Last Year] – Sales[This Year].  
You need to create the following visualization.



How should you configure the visualization? To answer, drag the appropriate measures to the correct fields. 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.

Measures	Answer Area
Total Sales Difference	Value: <input type="text"/>
Total Sales Last Year	Maximum value: <input type="text"/>
Total Sales This Year	Target value: <input type="text"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-radial-gauge-charts>

NEW QUESTION 176

- (Topic 4)  
You import two Microsoft Excel tables named Customer and Address into Power Query. Customer contains the following columns:  
? Customer ID  
? Customer Name  
? Phone  
? Email Address  
? Address ID  
Address contains the following columns:  
? Address ID  
? Address Line 1  
? Address Line 2  
? City  
? State/Region  
? Country

? Postal Code

The Customer ID and Address ID columns represent unique rows.

You need to create a query that has one row per customer. Each row must contain City, State/Region, and Country for each customer.

What should you do?

- A. Merge the Customer and Address tables.
- B. Transpose the Customer and Address tables.
- C. Group the Customer and Address tables by the Address ID column.
- D. Append the Customer and Address tables.

Answer: A

Explanation:

There are two primary ways of combining queries: merging and appending.

? When you have one or more columns that you'd like to add to another query, you merge the queries.

? When you have additional rows of data that you'd like to add to an existing query, you append the query.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-shape-and-combine-data>

NEW QUESTION 179

DRAG DROP - (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

ALL

CALCULATE

COUNTROWS

EVALUATE

SUM

SUMX

Answer Area

Count Email =

VAR Email = [Email Address]

RETURN

(

(Customer),

(Customer),

Customer[Email Address] = Email

)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

You are to count the number of rows having same email address.

- \* 1. Declare a variable and call it any name you prefer
- \* 2. Calculate the row count on the table
- \* 3. Apply filter to ALL of the values in the table under the column name email address and equate it to the variable.

You may need to read up filter functions for a proper understanding of how it works.

NEW QUESTION 180

- (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 183

- (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 187

- (Topic 4)  
You have a Microsoft SharePoint Online site that contains several document libraries.  
One of the document libraries contains manufacturing reports saved as Microsoft Excel files. All the manufacturing reports have the same data structure.  
You need to use Power BI Desktop to load only the manufacturing reports to a table for analysis.  
What should you do?

- A. Get data from a SharePoint folder, enter the site URL and then select Combine & Load  
B. Get data from a SharePoint list and enter the site URL Select Combine & Transform, then filter by the folder path to the manufacturing reports library.  
C. Get data from a SharePoint list enter the site URL and then select Combine & Load  
D. Get data from a SharePoint folder and enter the site UR  
E. Select Transform, then filter by the folder path to the manufacturing reports library,

Answer: A

NEW QUESTION 188

HOTSPOT - (Topic 4)  
You have a query named All Sales that imports sales data into a Power BI model.  
You plan to create a star schema by separating columns into separate queries and performing further transformations. The solution must meet the following requirements:

- Use All Sales as the source for three other queries named Sales Fact Product Dimension, and Customer Dimension.
- Minimize maintenance effort.

What should you do to create the Sales Fact query, and for which query should you clear Enable load? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

Answer Area

To create Sales Fact:

Reference the All Sales query.

Duplicate the All Sales query.

Duplicate the Customer Dimension query.

Reference the All Sales query.

Reference the Customer Dimension query.

Clear Enable data load for:

All Sales

All Sales

Customer Dimension

Product Dimension

Sales Fact

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Answer Area

To create Sales Fact:

Reference the All Sales query.

Duplicate the All Sales query.

Duplicate the Customer Dimension query.

Reference the All Sales query.

Reference the Customer Dimension query.

Clear Enable data load for:

All Sales

All Sales

Customer Dimension

Product Dimension

Sales Fact

NEW QUESTION 192

- (Topic 4)  
ion 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 194**

HOTSPOT - (Topic 4)  
 You need to create a Power BI report. The first page of 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.  
 Chain



The Sales By Month view must display a column chart visual as shown in the following exhibit.



Users must be able to switch between the views by using buttons on the report page. The selected Chain field must be maintained when switching between views. What is the minimum number of bookmarks required, and which property should you apply to each bookmark? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Minimum number of bookmarks:

1
2
3
4

Property:

Data
Display
Current page

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: 2  
Box 2: Display

NEW QUESTION 195

- (Topic 4)  
You import two Microsoft Excel tables named Customer and Address into Power Query Customer contains the following columns:

- Customer ID
- Customer Name
- Phone
- Email Address
- Address ID

Address contains the following columns:

- Address ID
- Address Line 1
- Address Line 2
- City
- State/Region
- Country
- Postal Code



Each Customer ID represents a unique customer m the Customer table. Each Address ID represents a unique address m the Address table. You need to create a query that has one row per customer. Each row must contain City. State/Region, and Country for each customer. What should you do?

- A. Append the Customer and Address tables.
- B. Transpose the Customer and Address tables.
- C. Group the Customer and Address tables by the Address ID column.
- D. Merge the Customer and Address tables.

Answer: D

NEW QUESTION 197

HOTSPOT - (Topic 4)

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



You need to create a measure to count the number of product categories that had products sold during a selected period. 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.

Answer Area

Product Categories Sold =

CALCULATE (

DISTINCTCOUNT('Product'[ProductCategory]),

DISTINCTCOUNT('Product'[ProductCategory]),

COUNT('Product'[ProductCategory]),

DISTINCTCOUNT('Sales'[ProductID]),

SUM('Sales'[SalesQuantity]),

)

'Date'

'Sales'

'Product'

'Product'[ProductCategory]

'Date'

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Product Categories Sold =

CALCULATE (

DISTINCTCOUNT('Product'[ProductCategory]),

DISTINCTCOUNT('Product'[ProductCategory]),

COUNT('Product'[ProductCategory]),

DISTINCTCOUNT('Sales'[ProductID]),

SUM('Sales'[SalesQuantity]),

)

'Date'

'Sales'

'Product'

'Product'[ProductCategory]

'Date'

NEW QUESTION 200

- (Topic 4)

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

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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"> <li>ID</li> <li>Name</li> <li>Country</li> </ul>	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"> <li>ID</li> <li>Invoice ID</li> <li>Invoice Date</li> <li>Supplier ID</li> <li>Description</li> <li>Units</li> <li>Price per Unit</li> <li>Discount</li> <li>Price</li> </ul>	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 Lineltems by Lineitems[ invoice id) and Lineitems[invoice Date) with a sum of Lineitems(price).
- D. Remove the Lineitems[Description] column.

**Answer: D**

#### NEW QUESTION 204

- (Topic 4)

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

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

**Answer: AE**

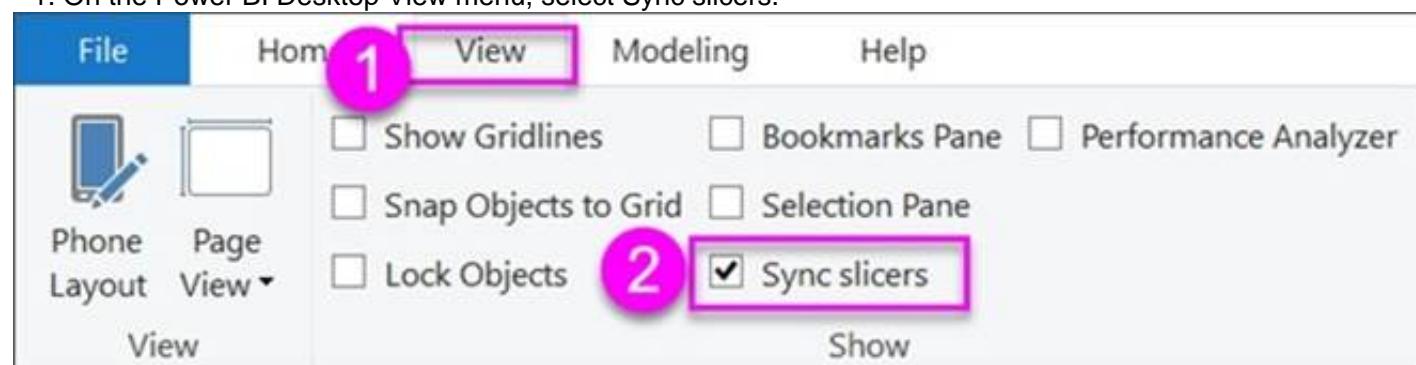
#### Explanation:

Add a report-level filter to filter an entire report.

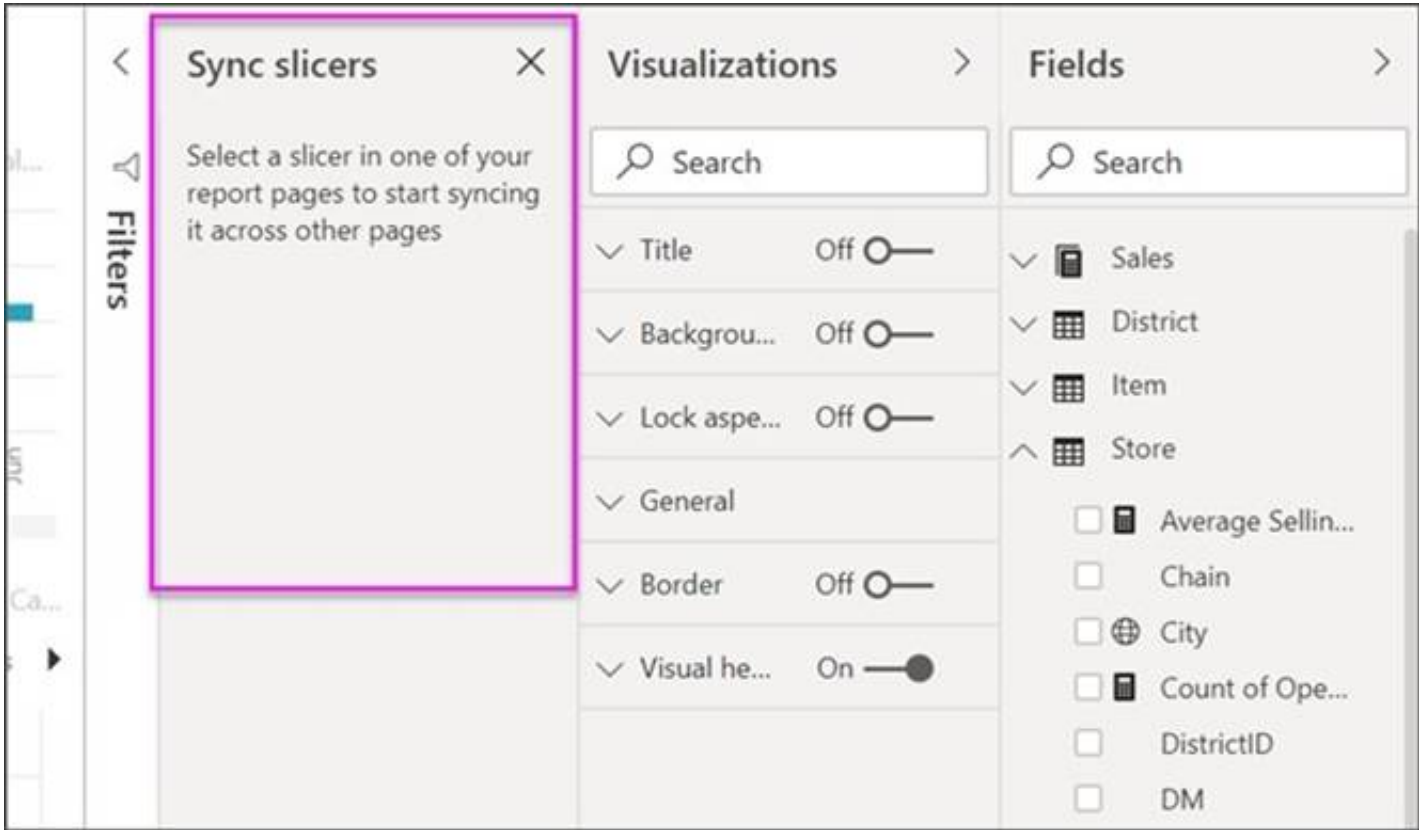
The visuals on the active page, and on all pages in the report, change to reflect the new filter.

You can sync a slicer and use it on any or all pages in a report.

\* 1. On the Power BI Desktop View menu, select Sync slicers.



The Sync slicers pane appears between the Filters and Visualizations panes.



Reference:
<https://docs.microsoft.com/en-us/power-bi/create-reports/power-bi-report-add-filter>
<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-slicers>

NEW QUESTION 209

- (Topic 4)

You have a Power BI workspace named BI Data that contains a dataset named BI Finance.

You have the Build permission for the 81 Finance dataset but you do NOT have permissions for the workspace,

You need to connect to BI Finance and create a report.

Which actions should you perform? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. From the Power BI service, create a dataflow to the dataset by using DirectQuery.

B. From Power BI Desktop, connect to a Dataverse data source.

C. From the Power BI service, create a new report and select a published dataset

D. From Power BI Desktop, connect to a shared dataset

Answer: BC

NEW QUESTION 211

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.



- A. Mastered

B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 212



DRAG DROP - (Topic 4)

You have a Microsoft Excel workbook that contains two sheets named Sheet1 and Sheet2. Sheet1 contains the following table named Table1.

Products
abc
def
ghi
jkl
mno

Sheet2 contains the following table named Table2.

Products
abc
xyz
tuv
mno
pqr
stu

You need to use Power Query Editor to combine the products from Table1 and Table2 into the following table that has one column containing no duplicate values.

Products
abc
xyz
tuv
mno
pqr
stu
def
ghi
jkl

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 Power BI Desktop, import the data from Excel, and select **Table1** and **Table2**.

From Power Query Editor, select **Table1**, and then select **Remove duplicates**.

From Power Query Editor, merge Table1 and Table2.

From Power Query Editor, remove errors from the table.

From Power Query Editor, append Table2 to Table1.

Answer Area

>

<

↑

↓

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

From Power BI Desktop, import the data from Excel, and select **Table1** and **Table2**.

From Power Query Editor, select **Table1**, and then select **Remove duplicates**.

From Power Query Editor, merge Table1 and Table2.

From Power Query Editor, remove errors from the table.

From Power Query Editor, append Table2 to Table1.

Answer Area

From Power BI Desktop, import the data from Excel, and select **Table1** and **Table2**.

From Power Query Editor, append Table2 to Table1.

From Power Query Editor, select **Table1**, and then select **Remove duplicates**.

NEW QUESTION 214

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

Sales Previous Year =

CALCULATE

EVALUATE

SUM

SUMX

(

[Total Sales],

DATESMTD

PARALLELPERIOD

SAMEPERIODLASTYEAR

TOTALMTD

(

)

[Date]

'Date'[Date]

'Date'[Month]

)

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area

Sales Previous Year =

CALCULATE

EVALUATE

SUM

SUMX

(

[Total Sales],

DATESMTD

PARALLELPERIOD

SAMEPERIODLASTYEAR

TOTALMTD

(

)

[Date]

'Date'[Date]

'Date'[Month]

)

NEW QUESTION 217

- (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 write a DAX expression that uses the FILTER function. Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

The filter is applied after the data is imported. Instead add a WHERE clause to the SQL statement.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-gateway-sql-tutorial>

NEW QUESTION 219

- (Topic 4)

A manager can represent only a single country.

You need to use row-level security (RLS) to meet the following requirements: The managers must only see the data of their respective country.

The number of RLS roles must be minimized.

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

- A. Create a single role that filters Country[Manager\_Email] by using the USERNAME DAX function.
- B. Create a single role that filters Country[Manager\_Email] by using the USEROBJECTID DAX function.
- C. For the relationship between Purchase Detail and Purchase, select Apply security filter in both directions.
- D. Create one role for each country.
- E. For the relationship between Purchase and Purchase Detail, change the Cross filter direction to Single.

**Answer:** AC

**Explanation:**

In Power BI Service the username and userprincipalname both return the email address, it's only in Power BI Desktop that username is domain/username rather than the email address. So I agree that userprincipalname is better generally as you always get the same value, the answer is correct and you can use username as your RLS since the role will be applied in the Service. See <https://community.powerbi.com/t5/Community-Blog/USERNAME-v-s-USERPRINCIPALNAME-in-RLS-for-Power-BI-Embedded/ba-p/1867670> for more information.

**NEW QUESTION 224**

- (Topic 4)

You have a Microsoft Power BI report. The size of PBIX file is 550 MB. The report is accessed by using an App workspace in shared capacity of powerbi.com. The report uses an imported dataset that contains one fact table. The fact table contains 12 million rows. The dataset is scheduled to refresh twice a day at 08:00 and 17:00.

The report is a single page that contains 15 custom visuals and 10 default visuals.

Users say that the report is slow to load the visuals when they access and interact with the report

You need to recommend a solution to improve the performance of the report. What should you recommend?

- A. Replace the default visuals with AppSource visuals.
- B. Change any DAX measures to use iterator functions.
- C. Remove unused columns from tables in the data model.
- D. Increase the number of times that the dataset is refreshed

**Answer:** C

**Explanation:**

? Remove unused columns from tables in the data model. This will reduce the size of your PBIX file and make your data model more efficient. You can use Power Query Editor to remove any columns that are not used in your report or calculations.

**NEW QUESTION 226**

- (Topic 4)

You are creating a Power BI model that contains a table named Store. Store contains the following fields.

You plan to create a map visual that will show store locations and provide the ability to drill down from Country to State/Province to City. What should you do to ensure that the locations are mapped property?

- A. Set the data category of Cit
- B. State/Province, and Country.
- C. Set Summarization for Cit
- D. State/Province, and Country to Don't summarize
- E. Change the data type of Cit
- F. State/Province, and Country.
- G. Create a calculated column that concatenates the values it City, State/Province, and Country.

**Answer:** A

**NEW QUESTION 228**

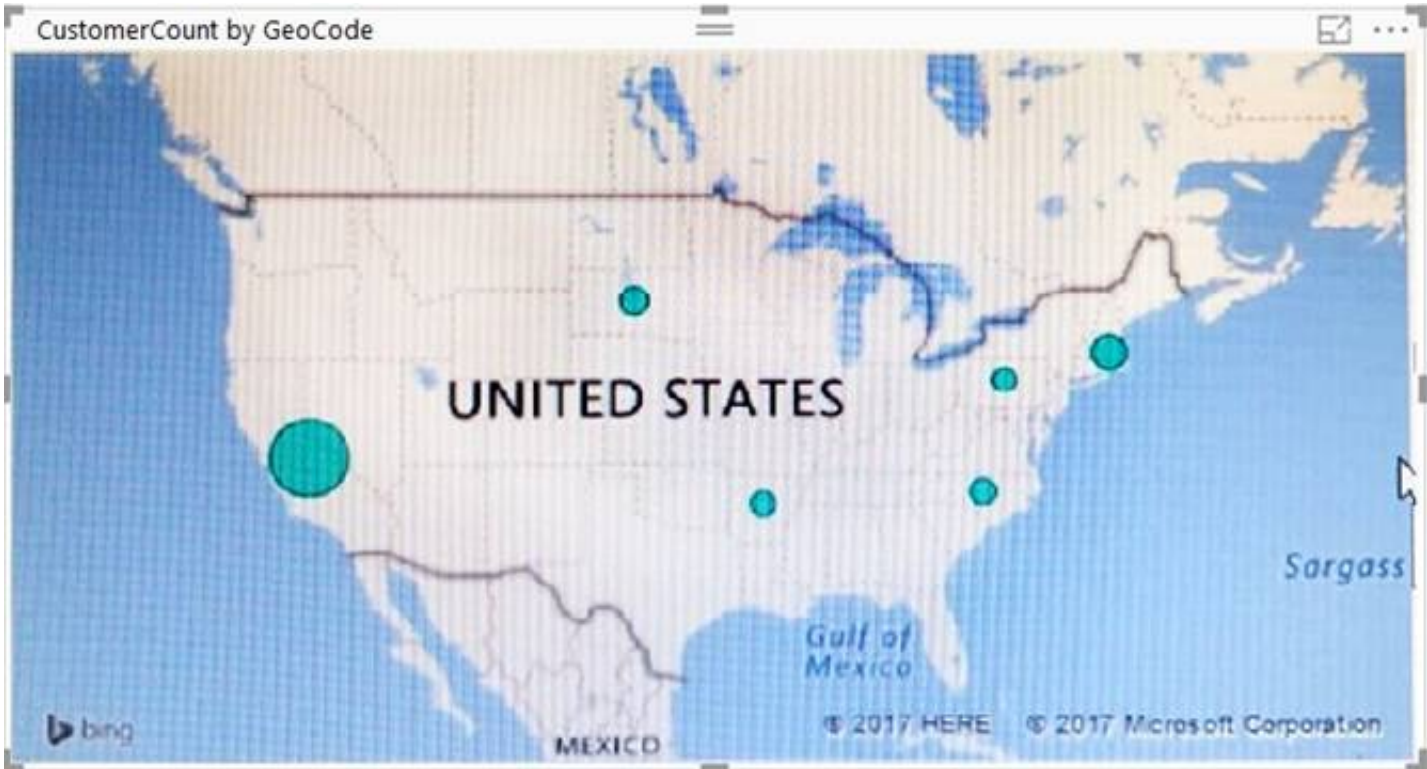
- (Topic 4)

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 233

HOTSPOT - (Topic 4)

You have a Power BI data model that analyzes product sales over time. The data model contains the following tables.

Table name	Column name	Data type
Product	Product ID	Whole number
	Product Name	Text
	Product Category	Text
Sales	Product ID	Whole number
	Order Date	Date
	Ship Date	Date
	Delivered Date	Date
	Invoice Number	Whole number
	Quantity	Whole number
	Sales Amount	Decimal number

A one-to-many relationship exists between the tables. The auto date/time option for the data model enabled. You need to reduce the size of the data model while maintaining the ability to analyze product sales by month and quarter. Which two actions should you perform?

- A. Disable the auto date/time option.
- B. Create a Date table and select **Mark as Date Table**.
- C. Create a relationship between the Date table and the Sales table.
- D. Disable the load on the Date table.
- E. Remove the relationship between the Product table and the Sales table.

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

**Answer:** AD

#### NEW QUESTION 238

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