

## DA-100 Dumps

### Analyzing Data with Microsoft Power BI

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



**NEW QUESTION 1**

- (Exam Topic 1)

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

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

**Answer:** A

**NEW QUESTION 2**

- (Exam Topic 1)

You need to address the data concerns before creating the data model. What should you do in Power Query Editor?

- A. Select Column distribution.
- B. Select the sales\_amount column and apply a number filter.
- C. Select Column profile, and then select the sales\_amount column.
- D. Transform the sales\_amount column to replace negative values with 0.

**Answer:** A

**NEW QUESTION 3**

- (Exam Topic 1)

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

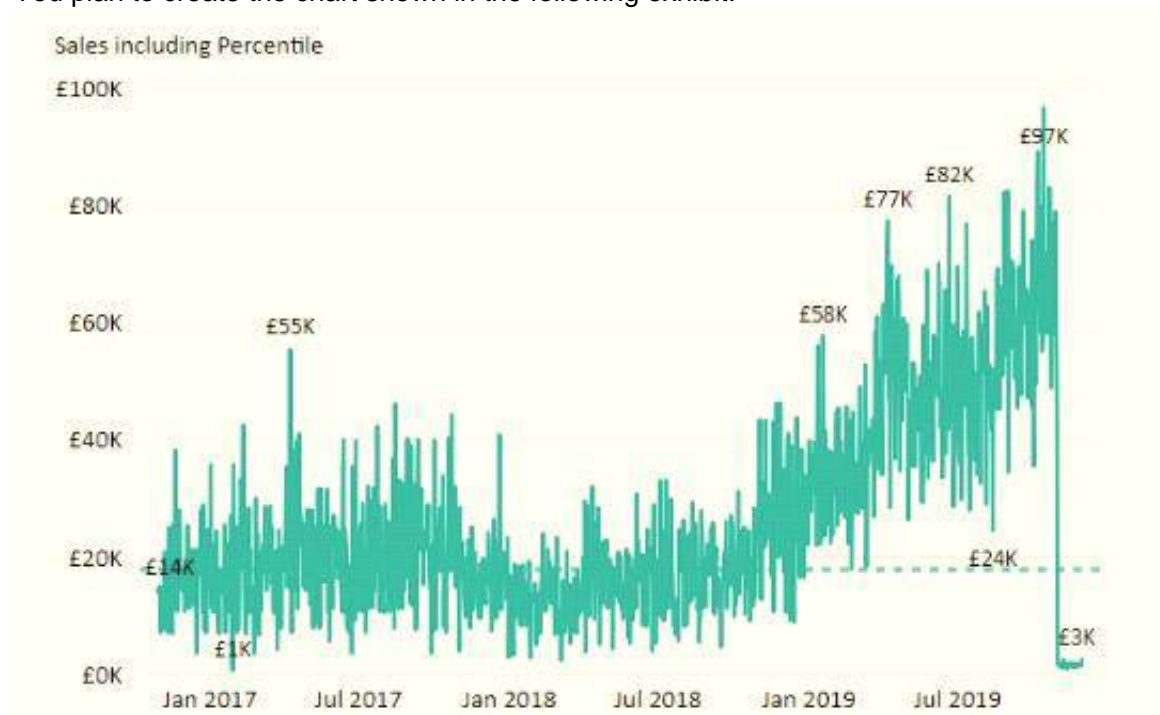
- A. a calculated column that use a formula of couMTA(Sales[sales\_id]>
- B. a calculated measure that uses a formula of couNTROws(Sales)
- C. a calculated column that uses a formula of suM(Sales[sales\_id])
- D. a measure that uses a formula of sw-i(Sales[sales\_id])

**Answer:** B

**NEW QUESTION 4**

- (Exam Topic 3)

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



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

- A. Create a horizontal line that has a fixed value of 24,000.
- B. Add a measure to the visual that uses the following DAX expression. `Measure1 = PERCENTUEX.EXC (Sales,Sales[Total Sales],@.40)`
- C. Add a new percentile line that uses Total Sales as the measure and 40% as the percentile.
- D. Add a measure to the visual that uses the following DAX expression. `Measure1 = PERCENTILEX.INC (Sales,Sales[Total Sales],6.40)`

**Answer:** D

**NEW QUESTION 5**

- (Exam Topic 3)

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

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

Answer: A

#### NEW QUESTION 6

- (Exam Topic 3)

You build a report to analyze customer transactions from a database that contains the tables shown in the following table.

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

You import the tables.

Which relationship should you use to link the tables?

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

Answer: B

#### NEW QUESTION 7

- (Exam Topic 3)

You are creating a Microsoft Power BI model that has two tables named CityData and Sales. CityData contains only the data shown in the following table.

State (CityData)	City	Population (million)
CA	Los Angeles	4.00
CA	San Francisco	0.90
New York	New York	8.50
WA	Seattle	0.70
WA	Spokane	0.20

Sales contains only the data shown in the following table.

State (Sales)	Type	Sales
CA	Internet	60
CA	Store	80
TX	Store	400
WA	Internet	150
WA	Store	100

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
In the Sales table, you can write a DAX expression that uses the RELATED() function to get data from the CityData table.	<input type="radio"/>	<input type="radio"/>
A DAX expression of sales total =CALCULATE(SUM(Sales[Sales]),ALL(Sales)) will produce the correct total sales value for each state, based on the data model.	<input type="radio"/>	<input type="radio"/>
A table visualization that uses cityData[State] and Sales[Sales] will contain sales from the state of TX.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

## Answer Area

### Statements

Yes No

In the Sales table, you can write a DAX expression that uses the RELATED() function to get data from the CityData table.

A DAX expression of sales total =CALCULATE(SUM(Sales[Sales]),ALL(Sales)) will produce the correct total sales value for each state, based on the data model.

A table visualization that uses cityData[state] and sales[sales] will contain sales from the state of TX.

### NEW QUESTION 8

- (Exam Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source.

You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition.

Solution: You create a new query that references DataSourceExcel. Does this meet the goal?

A. Yes

B. No

**Answer: B**

### NEW QUESTION 9

- (Exam Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

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

During the development process, you need to import a sample of the data from the Order table. Solution: You add a report-level filter that filters based on the order date.

Does this meet the goal?

A. Yes

B. No

**Answer: B**

### NEW QUESTION 10

- (Exam Topic 3)

You are configuring a Microsoft Power BI data model to enable users to ask natural language questions by using Q&A. You have a table named Customer that has the following measure.

Customer Count = DISTINCTCOUNT(Customer[CustomerID]) Users frequently refer to customers as subscribers.

You need to ensure that the users can get a useful result for "subscriber count" by using Q&A. The solution must minimize the size of the model. What should you do?

A. Add a description of "subscriber count" to the Customer Count measure.

B. Set Summarize By to None for the CustomerID column.

C. Add a description of "Subscriber" to the Customer table.

D. Add a synonym of "subscriber" to the Customer table.

**Answer: D**

### NEW QUESTION 10

- (Exam Topic 3)

You need to create a visual as shown in the following exhibit.



MonthName	Total Sales	Sales Last Year	% Growth to Last Year
January	£559,263.79	£144,365.51	74.19%
February	£583,915.29	£215,923.28	63.02%
March	£684,091.92	£211,347.46	69.11%
April	£957,686.49	£350,270.97	63.43%
May	£841,473.26	£310,708.65	63.08%
June	£876,911.71	£296,356.83	65.98%
July	£922,410.09	£346,435.28	62.23%
August	£1,002,219.24	£388,213.68	61.26%
September	£1,152,976.22	£407,395.76	64.65%
October	£1,262,647.67	£465,583.06	63.13%
November	£555,548.44	£555,548.44	0.00%
December	£553,615.45	£553,615.45	0.00%
<b>Total</b>	<b>£9,952,759.56</b>	<b>£4,249,964.36</b>	<b>57.30%</b>

The indicator color for Total Sales will be based on % Growth to Last Year. The solution must use the existing calculations only.  
How should you configure the visual? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

### Answer Area

Conditional formatting:

Background color  
Data bars  
Font color  
Icons  
Web URL

Format by:

Color scale  
Field value  
Rules

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

### Answer Area

Conditional formatting:

Background color  
Data bars  
Font color  
Icons  
Web URL

Format by:

Color scale  
Field value  
Rules

### NEW QUESTION 15

- (Exam Topic 3)

You have a Microsoft Power BI workspace.

You need to grant the user capabilities shown in the following table.

User name	Task
User1	Create and publish apps.
User2	Publish reports to the workspace and delete dashboards.

The solution must use the principle of least privilege.

Which user role should you assign to each user? To answer, drag the appropriate roles to the correct users. Each role 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.

Roles	Answer Area
<input type="text" value="Admin"/> <input type="text" value="Contributor"/> <input type="text" value="Member"/> <input type="text" value="Viewer"/>	User1: <input type="text" value="Role"/> User2: <input type="text" value="Role"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Roles	Answer Area
<input type="text" value="Admin"/> <input type="text" value="Contributor"/> <input type="text" value="Member"/> <input type="text" value="Viewer"/>	User1: <input type="text" value="Member"/> User2: <input type="text" value="Admin"/>

#### NEW QUESTION 17

- (Exam Topic 3)

You create the following step by using Power Query Editor.

```
= Table.ReplaceValue(SalesLT_Address,"1318","1319",Replacer.ReplaceText,{"AddressLine1"})
```

A row has a value of 21318 Lasalle Street in the AddressLine1 column. What will the value be when the step is applied?

- A. 1318
- B. 1319
- C. 21318 Lasalle Street
- D. 21319 Lasalle Street

**Answer:** B

#### NEW QUESTION 22

- (Exam Topic 3)

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

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

What should you recommend?

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

**Answer:** C

#### NEW QUESTION 23

- (Exam Topic 3)

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

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

**Answer:** BD

#### NEW QUESTION 24

- (Exam Topic 3)

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

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

Answer: D

### NEW QUESTION 28

- (Exam Topic 3)

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.

The screenshot shows the 'Actions' list on the left and the 'Answer Area' on the right. The 'Actions' list contains the following items:

- Create a query that uses Common Data Service as a data source.
- Create a blank query as a data source.
- Specify the following query.  
= Table.Distinct(#"SalesDetail")
- Create a parameter that uses a query for the suggested values.
- Specify the following query.  
= Table.Profile(#"SalesDetail")
- Create a visual for the query table.

The 'Answer Area' is currently empty. Between the two panels are two circular arrows, one pointing right and one pointing left, indicating a sequence of actions.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The screenshot shows the 'Actions' list on the left and the 'Answer Area' on the right. The 'Actions' list contains the following items:

- Create a query that uses Common Data Service as a data source.
- Create a blank query as a data source.
- Specify the following query.  
= Table.Distinct(#"SalesDetail")
- Create a parameter that uses a query for the suggested values.
- Specify the following query.  
= Table.Profile(#"SalesDetail")
- Create a visual for the query table.

The 'Answer Area' contains the following items in sequence:

- Specify the following query.  
= Table.Distinct(#"SalesDetail")
- Create a query that uses Common Data Service as a data source.
- Create a visual for the query table.

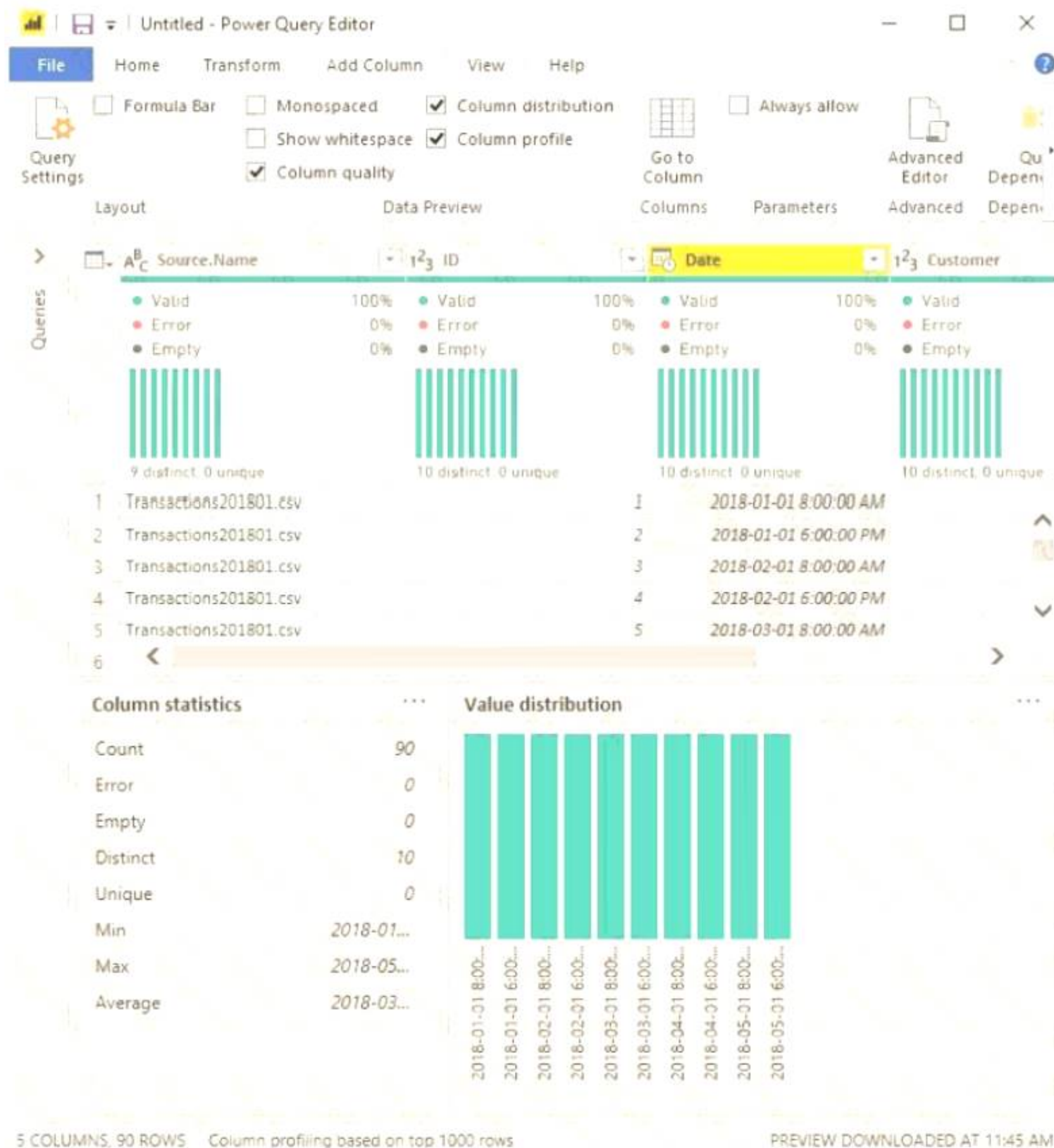
The items in the 'Answer Area' are enclosed in dashed red boxes, and the circular arrows between the panels indicate the sequence of actions.

### NEW QUESTION 33

- (Exam Topic 3)

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:

- 9
- 10
- 25
- 90
- 1,000

Removing duplicates based on the Date column will reduce the dataset to

[answer choice] rows:

- 9
- 10
- 25
- 90
- 1,000

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**



**Answer Area**

There are [answer choice] CSV files:

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

**NEW QUESTION 34**

- (Exam Topic 3)

You are creating a visual to show the ranking of product categories by sales revenue.

Your company's security policy states that you cannot send data outside of your Microsoft Power BI tenant Which approach provides the widest variety of visuals while adhering to the security policy?

- A. Use default visuals or custom visuals uploaded from a .pbviz file.
- B. Use only default visuals.
- C. Use default or any custom visuals from the marketplace.
- D. Use default or certified custom visuals.

**Answer:** C

**NEW QUESTION 38**

- (Exam Topic 3)

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

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

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

Users say that the report is slow to load the visuals when they access and interact with the report You need to recommend a solution to improve the performance of the report.

What should you recommend?

- A. Split the visuals onto multiple pages.
- B. Implement row-level security (RLS).
- C. Replace the default visuals with custom visuals.
- D. Increase the number of times that the dataset is refreshed.

**Answer:** A

**NEW QUESTION 39**

- (Exam Topic 3)

You have a Microsoft Power BI dashboard.

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

What should you use?

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

**Answer:** D

**NEW QUESTION 43**

- (Exam Topic 3)

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

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

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

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

A. Mastered  
B. Not Mastered

**Answer: A**

**Explanation:**

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

#### NEW QUESTION 47

- (Exam Topic 3)

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

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

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

**Answer:** A

#### NEW QUESTION 52

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