

## Exam Questions DA-100

Analyzing Data with Microsoft Power BI

<https://www.2passeasy.com/dumps/DA-100/>



### NEW QUESTION 1

- (Exam 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-group>

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

### NEW QUESTION 2

- (Exam Topic 4)

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

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

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

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

Solution: You 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 3

- (Exam Topic 4)

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

You need to modify the chart to meet the following requirements:

Identify months that have order counts above the mean.

Display the mean monthly order count.

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:**

#### NEW QUESTION 4

- (Exam Topic 3)

You need to design the data model to meet the report requirements. What should you do in Power BI Desktop?

- A. From Power Query, use a DAX expression to add columns to the Orders table to calculate the calendar quarter of the OrderDate column, the calendar month of the OrderDate column, the calendar quarter of the ShippedDate column, and the calendar month of the ShippedDate column.
- B. From Power Query, add columns to the Orders table to calculate the calendar quarter and the calendar month of the OrderDate column.
- C. From Power BI Desktop, use the Auto date/time option when creating the reports.
- D. From Power Query, add a date table.
- E. Create an active relationship to the OrderDate column in the Orders table and an inactive relationship to the ShippedDate column in the Orders table.

**Answer:** B

**Explanation:**

Use Power Query to calculate calendar quarter and calendar month.

Scenario:

A single dataset must support all three reports:

- The Top Customers report will show the top 20 customers based on the highest sales amounts in a selected order month or quarter, product category, and sales region.
- The Top Products report will show the top 20 products based on the highest sales amounts sold in a selected order month or quarter, sales region, and product category.

The data model must minimize the size of the dataset as much as possible, while meeting the report requirements and the technical requirements.

#### NEW QUESTION 5

- (Exam Topic 2)

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

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Box 1: Using a workspace membership Scenario:

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

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

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

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

#### NEW QUESTION 6

- (Exam 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.

- 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]) Reference:

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

**NEW QUESTION 7**

- (Exam Topic 2)

You need to grant access to the business unit analysts.

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: The Viewer role to the workspace

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

Box 2: Build

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

The analysts responsible for each business unit must see all the data the board sees, except the profit and loss data, which must be restricted to only their business unit's data. The analysts must be able to build new reports from the dataset that contains the profit and loss data, but any reports that the analysts build must not be included in the quarterly reports for the board. The analysts must not be able to share the quarterly reports with anyone.

Reference:

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

**NEW QUESTION 8**

- (Exam Topic 1)

You need to create the required relationship for the executive's visual. What should you do before you can create the relationship?

- A. Change the data type of Sales[region\_id] to Whole Number.
- B. In the Sales table, add a measure for sum(sales\_amount).
- C. Change the data type of sales[sales\_id] to Text.
- D. Change the data type of sales [region\_id] to Decimal Number.

**Answer:** A

**Explanation:**

Scenario: Executives require a visual that shows sales by region.

Need to change the sales\_id column from Varchar to Whole Number (Integer).

**NEW QUESTION 9**

- (Exam Topic 1)

You need to create relationships to meet the reporting requirements of the customer service department. What should you create?

- A. an additional date table named ShipDate, a one-to-many relationship from Sales[sales\_date\_id] to Date[date\_id], and a one-to-many relationship from Sales[sales\_ship\_date\_id] to ShipDate[date\_id]
- B. an additional date table named ShipDate, a many-to-many relationship from Sales[sales\_date\_id] to Date[date\_id], and a many-to-many relationship from Sales[sales\_ship\_date\_id] to ShipDate[date\_id]
- C. a one-to-many relationship from Date[date\_id] to Sales[sales\_date\_id] and another one-to-many relationship from Date[date\_id] to Weekly\_Returns[week\_id]
- D. a one-to-many relationship from Sales[sales\_date\_id] to Date[date\_id] and a one-to-many relationship from Sales[sales\_ship\_date\_id] to Date[date\_id]
- E. a one-to-many relationship from Date[date\_id] to Sales[sales\_date\_id] and another one-to-many relationship from Date[date\_id] to Sales[sales\_ship\_date\_id]

**Answer:** A

**Explanation:**

Scenario: The customer service department requires a visual that can be filtered by both sales month and ship month independently.

Reference:

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

**NEW QUESTION 10**

- (Exam Topic 4)

You have multiple dashboards.

You need to ensure that when users browse the available dashboards from powerbi.com, they can see which dashboards contain Personally Identifiable Information (PII). The solution must minimize configuration effort and impact on the dashboard design.

What should you use?

- A. comments
- B. tiles
- C. Microsoft Information Protection sensitivity labels
- D. Active Directory groups

**Answer:** D

**Explanation:**

Microsoft Information Protection sensitivity labels provide a simple way for your users to classify critical content in Power BI without compromising productivity or the ability to collaborate.

Sensitivity labels can be applied to datasets, reports, dashboards, and dataflows. Reference:

<https://docs.microsoft.com/en-us/power-bi/admin/service-security-sensitivity-label-overview>

**NEW QUESTION 10**

- (Exam Topic 4)

You have a line chart that shows the number of employees in a department over time. You need to see the total salary costs of the employees when you hover over a data point. What is possible way to achieve this goal?

- A. Add a salary to the tooltips.
- B. Add a salary to the visual filters.
- C. Add salary to the drillthrough fields.

**Answer:** A

**Explanation:**

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

**NEW QUESTION 11**

- (Exam Topic 4)

You build a report to help the sales team understand its performance and the drivers of sales. The team needs to have a single visualization to identify which factors affect success. Which type of visualization should you use?

- A. Key influences
- B. Funnel chart
- C. Q&A
- D. Line and clustered column chart

**Answer:** A

**Explanation:**

The key influencers visual helps you understand the factors that drive a metric you're interested in. It analyzes your data, ranks the factors that matter, and displays them as key influencers.

The key influencers visual is a great choice if you want to:

See which factors affect the metric being analyzed.

Contrast the relative importance of these factors. For example, do short-term contracts have more impact on churn than long-term contracts?

Reference:

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

**NEW QUESTION 15**

- (Exam Topic 4)

You have the data lineage 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.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Text, table Description automatically generated with medium confidence

Box 1: CONTOSO BIKES report Box 2: three datasets

Images, tweets and the Contoso datasets.

**NEW QUESTION 16**

- (Exam Topic 4)

You have the Power BI data model 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.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 18**

- (Exam 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.  
Graphical user interface, application, Word Description automatically generated

Reference:

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

#### NEW QUESTION 19

- (Exam Topic 4)

You are creating an analytics report that will consume data from the tables shown in the following table.

There is a relationship between the tables.

There are no reporting requirements on employeejd and employee\_photo. You need to optimize the data model

What should you configure for employeejd and employee.photo? To answer, select the appropriate options in the answer area.

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Table Description automatically generated

Box 1: Hide

Optimize data by hiding fields and sorting visualization data

Box 2: Delete

The fastest way to optimize your Power BI report is to limit the number of columns to only the ones you need in your data model. Go through your tables in Power Query and determine what fields are being used. Delete these columns if they are not being used in any of your reports or calculations.

Reference:

<https://tessellationtech.io/optimizing-power-bi-reports/>

#### NEW QUESTION 24



- (Exam Topic 4)

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

You need to allow Power BI users to export the summarized data used to create the visualizations but prevent the users from exporting the underlying data  
What should you do?

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

**Answer:** B

#### NEW QUESTION 27

- (Exam Topic 4)

You are reviewing a query that produces 10,000 rows in the Power Query Editor. You need to identify whether a column contains only unique values.

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

NOTE: Each correct selection is worth one point.

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

**Answer:** AB

#### Explanation:

B: Column distribution: This feature provides a set of visuals underneath the names of the columns that showcase the frequency and distribution of the values in each of the columns. The data in these visualizations is sorted in descending order from the value with the highest frequency.

By hovering over the distribution data in any of the columns, you get information about the overall data in the column (with distinct count and unique values).

A: Column profile: This feature provides a more in-depth look at the data in a column [compared to column distribution]. Apart from the column distribution chart, it contains a column statistics chart.

Reference:

<https://docs.microsoft.com/en-us/power-query/data-profiling-tools>

#### NEW QUESTION 30

- (Exam Topic 4)

You are building a dataset from a JSON file that contains an array of documents.

You need to import attributes as columns from all the documents in the JSON file. The solution must ensure that date attributes can be used as date hierarchies in Microsoft Power BI reports.

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

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Here is an example: <https://youtu.be/B4kzyxnhQfI> The definition of the function which expand columns:

<https://docs.microsoft.com/en-us/powerquery-m/table-expandrecordcolumn>

#### NEW QUESTION 35

- (Exam 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 40

- (Exam Topic 4)

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

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

.  
Graphical user interface Description automatically generated

#### NEW QUESTION 44

- (Exam Topic 4)

You need to create the Top Customers report.

Which type of filter should you use, and at which level should you apply the filter? 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:**

A picture containing background pattern  
Description automatically generated

#### NEW QUESTION 49

- (Exam Topic 4)

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

You import the tables.

Which relationship should you use to link the tables?

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

**Answer:** A

**Explanation:**

Each customer can have many transactions.  
For each transaction there is exactly one customer.

#### NEW QUESTION 53

- (Exam Topic 4)

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

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

How should you configure the data connection?

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

**Answer:** B

**Explanation:**

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

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

Reference:

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

**NEW QUESTION 57**

- (Exam 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 61**

- (Exam Topic 4)

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

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

You have several reports and dashboards in a workspace.

You need to grant all organizational users read access to a dashboard and several reports. Solution: You assign all the users the Viewer role to the workspace.

Does this meet the goal?

- A. Yes

B. No

**Answer:** A

**Explanation:**

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

Reference:

<https://powerbi.microsoft.com/en-us/blog/announcing-the-new-viewer-role-for-power-bi-workspaces/>

**NEW QUESTION 66**

- (Exam Topic 4)

You have the tables shown in the following table.

The Impressions table contains approximately 30 million records per month. You need to create an ad analytics system to meet the following requirements:

Present ad impression counts for the day, campaign, and Site\_name. The analytics for the last year are required.

Minimize the data model size.

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

- A. Group the impressions by Ad\_id, Site\_name, and Impression\_date. Aggregate by using the CountRows function.
- B. Create one-to-many relationships between the tables.
- C. Create a calculated measure that aggregates by using the COUNTROWS function.
- D. Create a calculated table that contains Ad\_id, Site\_name, and Impression\_date.

**Answer:** BC

**NEW QUESTION 68**

- (Exam 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:** C

**Explanation:**

Example:

My SharePoint site root url is <https://powerbipanama.sharepoint.com/>, but all of my files are actually in another site that starts with <https://powerbipanama.sharepoint.com/sites/externalsales/> URL.

In order to use the correct URL, we need to be in the folder of the data that we're trying to get and check the url that our browser shows. If it has the if it starts with the format of <https://<site address>/sites/<sitename>/> then we need to use that url, otherwise we use the much simpler <https://<site address>>

In my own case, I'll be using the <https://powerbipanama.sharepoint.com/sites/externalsales> url in order to connect to my site.

Reference:

<https://powerbi.microsoft.com/sv-se/blog/combining-excel-files-hosted-on-a-sharepoint-folder/>

**NEW QUESTION 70**

- (Exam Topic 4)

You have sales data in a star schema that contains four tables named Sales, Customer, Date, and Product. The Sales table contains purchase and ship dates. Most often, you will use the purchase date to analyze the data, but you will analyze the data by both dates independently and together. You need to design an imported dataset to support the analysis. The solution must minimize the model size and the number of queries against the data source. Which data modeling design should you use?

- A. Use the Auto Date/Time functionality in Microsoft Power BI and do NOT import the Date table.
- B. Duplicate the Date query in Power Query and use active relationships between both Date tables.
- C. On the Date table, use a reference query in Power Query and create active relationships between Sales and both Date tables in the modeling view.
- D. Create an active relationship between Sales and Date for the purchase date and an inactive relationship for the ship date.

**Answer:** D

**Explanation:**

Only one relationship can be active.

Note: If you query two or more tables at the same time, when the data is loaded, Power BI Desktop attempts to find and create relationships for you. The relationship options Cardinality, Cross filter direction, and Make this relationship active are automatically set.

Reference:

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

**NEW QUESTION 75**

- (Exam Topic 4)

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

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

You have 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 percentile line by using the Salary measure and set the percentile to 50%. 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\\_percentile.php](https://dash-intel.com/powerbi/statistical_functions_percentile.php)

**NEW QUESTION 76**

- (Exam Topic 4)

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

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

**Answer:** AD

**Explanation:**

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

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

Reference:

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

**NEW QUESTION 79**

- (Exam Topic 4)

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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 81**

- (Exam Topic 4)

You have the dataset shown in the following exhibit.

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

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

**Answer:** A

**Explanation:**

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

Note:

Select the Column you want to display the Top Sales Profit

Then change the Filter Type of that Column to Top N

Fill in Top / Bottom number field

And lastly drag to the By Value field your Sales Profit Reference:

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

**NEW QUESTION 82**

- (Exam Topic 4)

You publish a report to a workspace named Customer Services. The report identifies customers that have potential data quality issues that must be investigated by the customer services department of your company.

You need to ensure that customer service managers can create task lists in Microsoft Excel based on the data. Which report setting should you configure?

- A. Don't allow end user to save filters on this report.
- B. Change default visual interaction from cross highlighting to cross filtering.
- C. Enable the updated filter pane, and show filters in the visual header for this report.
- D. Allow users to add comments to this report.
- E. Choose the type of data you allow your end users to export.

**Answer:** E

**Explanation:**

<https://powerbi.microsoft.com/en-us/blog/announcing-persistent-filters-in-the-service/>

**NEW QUESTION 85**



- (Exam Topic 4)

You have a sales system that contains the tables shown in the following table.

The Date table is marked as a date table.

DateID is the date data type. You need to create an annual sales growth percentage measure. Which DAX expression should you use?

- A. `SUM(sales[sales_amount]) - CALCULATE(SUM(sales[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))`
- B. `(SUM('Sales'[sales_amount]) - CALCULATE(SUM('Sales'[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))) / CALCULATE(SUM('Sales'[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))`
- C. `CALCULATE(SUM(sales[sales_amount]), DATESYTD('Date'[DateID]))`
- D. `CALCULATE(SUM(sales[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))`

**Answer:** B

**Explanation:**

SAMEPERIODLASTYEAR returns a table that contains a column of dates shifted one year back in time from the dates in the specified dates column, in the current context.

Reference:

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

**NEW QUESTION 89**

- (Exam Topic 4)

You have two Azure SQL databases that contain the same tables and columns.

For each database, you create a query that retrieves data from a table named Customers.

You need to combine the Customer tables into a single table. The solution must minimize the size of the data model and support scheduled refresh in powerbi.com.

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:**

Graphical user interface, text Description automatically generated with medium confidence

Box 1: Append Queries as New.

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.

Box 2: Disable loading the query to the data model

For every query that loads into model memory will be consumed. and Memory is our asset in the Model, less memory consumption leads to better performance in most of the cases. The best approach is to disable loading.

Reference:

<https://docs.microsoft.com/en-us/power-query/append-queries>

**NEW QUESTION 90**

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