PL-300^{Q&As}

Microsoft Power BI Data Analyst

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QUESTION 1

You import a large dataset to Power Query Editor.

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

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

NOTE: Each correct selection is worth one point

A. Show whitespace

B. Column distribution

C. Column profile

D. Column quality

E. Monospaced

Correct Answer: AD

QUESTION 2

What is the minimum number of datasets and storage modes required to support the reports? (What is the minimum number of Power BI datasets needed to support the reports?)

A. two imported datasets

B. a single DirectQuery dataset

C. two DirectQuery datasets

D. a single imported dataset

Correct Answer: D

The analysts responsible for each business unit must see all the data the board sees, except the profit and loss data, which must be restricted to only their business unit\\'s data. The analysts must be able to build new reports from the dataset that contains the profit and loss data" => one dataset and two separate workspaces Reason: All data can be imported into one dataset also if these are two logical models. Shared dimensions can be reconsumed in both models.

Reports and additional materials can be shared to the board with an app. The "profit and loss" data model needs RLS for the analysts and the analysts must have just read access to the original workspace. In a separate workspace with contributer (or more rights) they can create new reports (with live connection to the dataset).

It is also stated that the new reports mustn\\'t be shared so therefore no need to include them into the app. Import vs. DirectQuery: Due to RLS requirements an imported dataset is needed. It is not possible with file sources and Sharepoint lists.

QUESTION 3

DRAG DROP

You receive revenue data that must be included in Microsoft Power BI reports.

You preview the data from a Microsoft Excel source in Power Query as shown in the following exhibit.

Answer Area

Base value:
| Month |
| Total Cost |
| Total Order Qty |
| Total Sales |
| Year |

Date:
| Date |
| Month |
| Total Sales |
| Year |

Period:
| Days |
| Months |
| Quarters |
| Years |

You plan to create several visuals from the data, including a visual that shows revenue split by year and product.

You need to transform the data to ensure that you can build the visuals. The solution must ensure that the columns are named appropriately for the data that they contain.

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

Select and Place:

Answer Area

Base value:

Month
Total Cost
Total Order Qty
Total Sales
Year

Date:

Date
Month
Total Sales
Year

Period:

Days
Months
Quarters
Years

Correct Answer:

Table name	Column name	Data type
Sales	sales_id	Integer
	sales_date	Datetime
	Customer_id	Integer
	sales_amount	Floating
	employee_id	Integer
	sales_ship_date	Datetime
	store_id	Varchar(100)
Employee	employee_id	Integer
	first_name	Varchar(100)
	last_name	Varchar(100)
	employee_photo	Binary

Step 1: Select Use Header as First Row.

Step 2: Select Department and Product and Unpivot Other Columns

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

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

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

Answer Area

Employee_id: ▼
Change Type
Delete
Hide
Sort

Employee_photo: ▼
Change Type
Delete
Hide
Sort

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

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

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

Reference:

QUESTION 4

You need to create a visual that compares profit across 10 product categories for a selected quarter.

What is the best visual to use to achieve the goal? More than one answer choice may achieve the goal Select the BEST answer.

A. an area chart

B. a clustered bar chart

C. a line chart

D. a funnel chart

Correct Answer: B

QUESTION 5

Which two types of visualizations can be used in the balance sheet reports to meet the reporting goals? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. a line chart that shows balances by quarter filtered to account categories that are long-term liabilities.

B. a clustered column chart that shows balances by date (x-axis) and account category (legend) without filters.

C. a clustered column chart that shows balances by quarter filtered to account categories that are long-term liabilities.

D. a pie chart that shows balances by account category without filters.

E. a ribbon chart that shows balances by quarter and accounts in the legend.

Correct Answer: AE

https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualizationtypes-for-reports-and-q-and-a

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