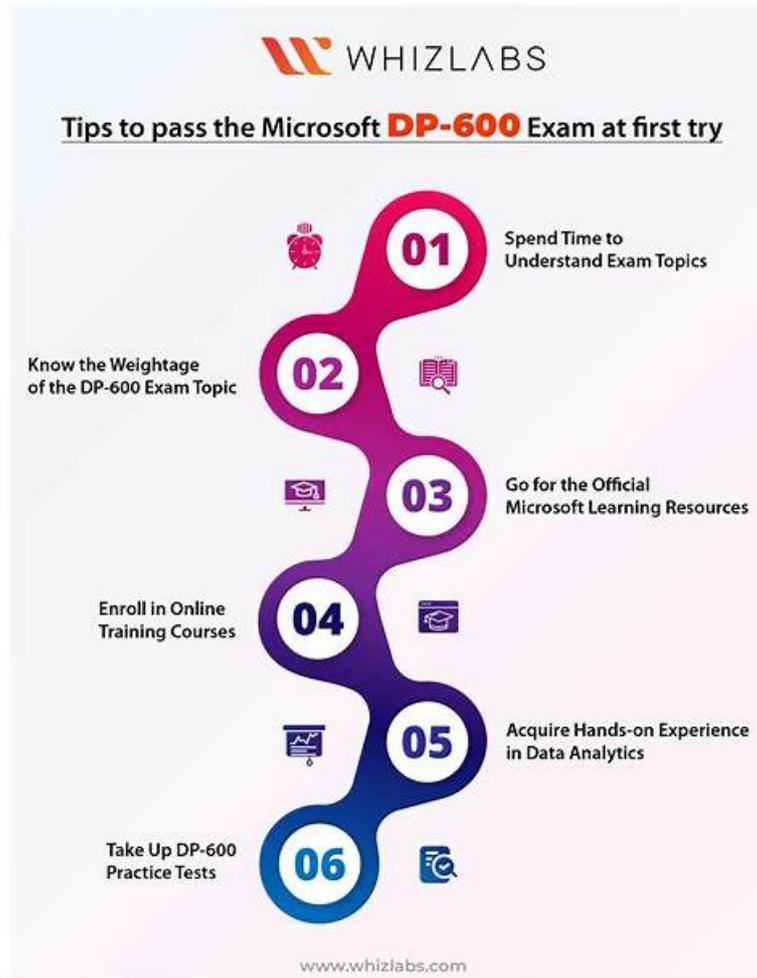


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Our Implementing Analytics Solutions Using Microsoft Fabric (DP-600) exam questions are being offered in three easy-to-use and compatible formats. This DP-600 exam dumps formats offer a user-friendly interface and are compatible with all devices, operating systems, and browsers. The Prep4sureExam Implementing Analytics Solutions Using Microsoft Fabric (DP-600) PDF questions file contains real and valid Microsoft DP-600 exam questions that assist you in DP-600 exam dumps preparation and boost the candidate's confidence to pass the challenging Implementing Analytics Solutions Using Microsoft Fabric (DP-600) exam easily.

## Microsoft DP-600 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> <li>• <b>Maintain a data analytics solution:</b> This section of the exam measures the skills of administrators and covers tasks related to enforcing security and managing the Power BI environment. It involves setting up access controls at both workspace and item levels, ensuring appropriate permissions for users and groups. Row-level, column-level, object-level, and file-level access controls are also included, alongside the application of sensitivity labels to classify data securely. This section also tests the ability to endorse Power BI items for organizational use and oversee the complete development lifecycle of analytics assets by configuring version control, managing Power BI Desktop projects, setting up deployment pipelines, assessing downstream impacts from various data assets, and handling semantic model deployments using XMLA endpoint. Reusable asset management is also a part of this domain.</li> </ul>

Topic 2	<ul style="list-style-type: none"> <li>• Prepare data: This section of the exam measures the skills of engineers and covers essential data preparation tasks. It includes establishing data connections and discovering sources through tools like the OneLake data hub and the real-time hub. Candidates must demonstrate knowledge of selecting the appropriate storage type—lakehouse, warehouse, or eventhouse—depending on the use case. It also includes implementing OneLake integrations with Eventhouse and semantic models. The transformation part involves creating views, stored procedures, and functions, as well as enriching, merging, denormalizing, and aggregating data. Engineers are also expected to handle data quality issues like duplicates, missing values, and nulls, along with converting data types and filtering. Furthermore, querying and analyzing data using tools like SQL, KQL, and the Visual Query Editor is tested in this domain.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>• Implement and manage semantic models: This section of the exam measures the skills of architects and focuses on designing and optimizing semantic models to support enterprise-scale analytics. It evaluates understanding of storage modes and implementing star schemas and complex relationships, such as bridge tables and many-to-many joins. Architects must write DAX-based calculations using variables, iterators, and filtering techniques. The use of calculation groups, dynamic format strings, and field parameters is included. The section also includes configuring large semantic models and designing composite models. For optimization, candidates are expected to improve report visual and DAX performance, configure Direct Lake behaviors, and implement incremental refresh strategies effectively.</li> </ul>

>> DP-600 Latest Learning Materials <<

## New DP-600 Latest Learning Materials | High-quality DP-600: Implementing Analytics Solutions Using Microsoft Fabric 100% Pass

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### Microsoft Implementing Analytics Solutions Using Microsoft Fabric Sample Questions (Q146-Q151):

#### NEW QUESTION # 146

You have a Fabric tenant that contains a Microsoft Power BI report named Report 1. Report 1 includes a Python visual. Data displayed by the visual is grouped automatically and duplicate rows are NOT displayed.

You need all rows to appear in the visual. What should you do?

- A. Add a unique field to each row.
- B. Modify the Summarize By property for all columns.
- C. Reference the columns in the Python code by index.
- D. Modify the Sort Column By property for all columns.

**Answer: C**

Explanation:

To ensure all rows appear in the Python visual within a Power BI report, option C, adding a unique field to each row, is the correct solution. This will prevent automatic grouping by unique values and allow for all instances of data to be represented in the visual.

References = For more on Power BI Python visuals and how they handle data, please refer to the Power BI documentation.

#### NEW QUESTION # 147

You have a Fabric warehouse named Warehouse1 that contains a table named dbo.Product. dbo.Product contains the following columns.

Name	Description
Item	Name of the product
UnitPrice	Price per unit in U.S. dollars for each product

You need to use a T-SQL query to add a column named PriceRange to dbo.Product. The column must categorize each product based on UnitPrice. The solution must meet the following requirements:

- \* If UnitPrice is 0, PriceRange is "Not for resale".
- \* If UnitPrice is less than 50, PriceRange is "Under \$50".
- \* If UnitPrice is between 50 and 250, PriceRange is "Under \$250".
- \* In all other instances, PriceRange is "\$250+".

How should you complete the query? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

- BEGIN
- CASE
- ELSE
- END
- IF
- WHILE

Answer Area

```

SELECT
    Item,
    UnitPrice,
    PriceRange = [ ]
    WHEN UnitPrice = 0 THEN 'Not for resale'
    WHEN UnitPrice < 50 THEN 'Under $50'
    WHEN UnitPrice >= 50 AND UnitPrice < 250 THEN 'Under $250'
    [ ] '$250+'
    [ ]
FROM [Warehouse1].[dbo].[Product]

```

**Answer:**

**Explanation:**

Values

- BEGIN
- CASE
- ELSE
- END
- IF
- WHILE

Answer Area

```

SELECT
    Item,
    UnitPrice,
    PriceRange = CASE
    WHEN UnitPrice = 0 THEN 'Not for resale'
    WHEN UnitPrice < 50 THEN 'Under $50'
    WHEN UnitPrice >= 50 AND UnitPrice < 250 THEN 'Under $250'
    ELSE '$250+'
    END
FROM [Warehouse1].[dbo].[Product]

```

**Explanation:**

Values

- BEGIN
- CASE
- ELSE
- END
- IF
- WHILE

Answer Area

```

SELECT
    Item,
    UnitPrice,
    PriceRange = CASE
    WHEN UnitPrice = 0 THEN 'Not for resale'
    WHEN UnitPrice < 50 THEN 'Under $50'
    WHEN UnitPrice >= 50 AND UnitPrice < 250 THEN 'Under $250'
    ELSE '$250+'
    END
FROM [Warehouse1].[dbo].[Product]

```

**Comprehensive Detailed Explanation**

We need to create a computed column PriceRange based on the UnitPrice column in the dbo.Product table.

Step 1: Requirements

If UnitPrice = 0 # "Not for resale"

If UnitPrice < 50 # "Under \$50"

If UnitPrice >= 50 AND UnitPrice < 250 # "Under \$250"

Otherwise # "\$250+"

This matches a CASE expression in T-SQL.

Step 2: CASE Expression Structure

The syntax is:

CASE

WHEN condition THEN result

WHEN condition THEN result

ELSE result

END

Step 3: Apply to Problem

SELECT

Item,

UnitPrice,

PriceRange = CASE

WHEN UnitPrice = 0 THEN 'Not for resale'

WHEN UnitPrice < 50 THEN 'Under \$50'

WHEN UnitPrice >= 50 AND UnitPrice < 250 THEN 'Under \$250'

ELSE '\$250+'

END

FROM [Warehouse1].[dbo].[Product];

Step 4: Why This is Correct

CASE starts the conditional evaluation.

ELSE handles the default branch (\$250+).

END closes the expression.

Meets all requirements exactly.

References

CASE expression in T-SQL

Computed columns in T-SQL

### NEW QUESTION # 148

You have a Fabric tenant that contains a workspace named Workspace1. Workspace1 contains a warehouse named DW1. DW1 contains two tables named Employees and Sales. All users have read access to DW1.

You need to implement access controls to meet the following requirements:

- \* For the Sales table, ensure that the users can see only the sales data from their respective region.
- \* For the Employees table, restrict access to all Personally Identifiable Information (PII).
- \* Maintain access to unrestricted data for all the users.

What should you use for each table? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Microsoft

Employees:

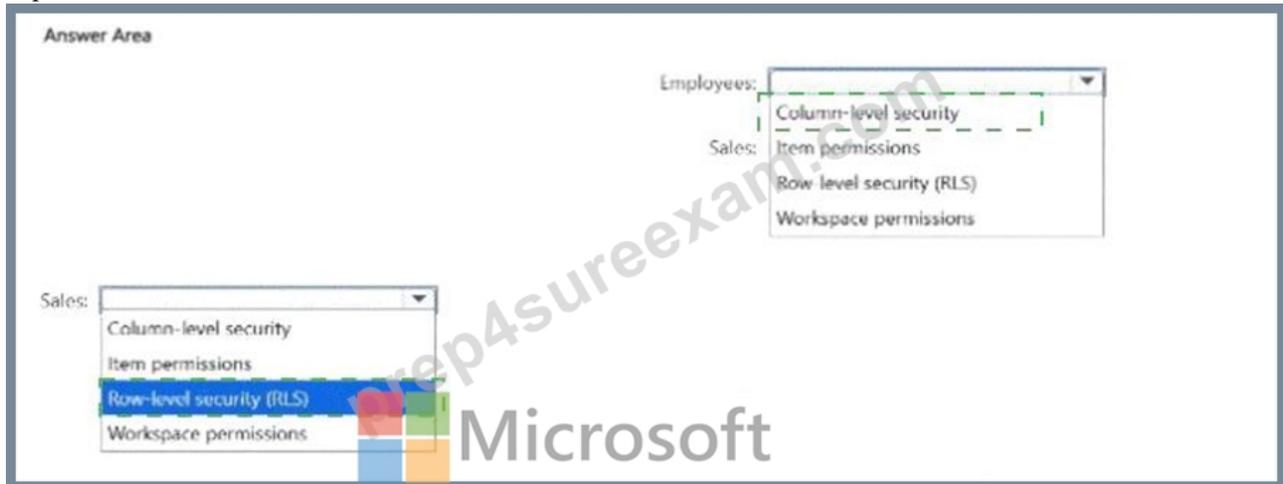
Column-level security
Item permissions
Row level security (RLS)
Workspace permissions

Sales:

Column-level security
Item permissions
Row-level security (RLS)
Workspace permissions

Answer:

Explanation:



Explanation:



#### NEW QUESTION # 149

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 Fabric tenant that contains a semantic model named Modell.

You discover that the following query performs slowly against Modell.

```
1 EVALUATE
2   FILTER (
3     VALUES ( Customer[Customer Name] ),
4     CALCULATE ( COUNTROWS ( 'Order Item' ) ) > 0
5   )
6   ORDER BY Customer[Customer Name]
```

You need to reduce the execution time of the query.

Solution: You replace line 4 by using the following code:

```
NOT ( ISEMPTY ( CALCULATETABLE ( 'Order Item' ) ) )
```

Does this meet the goal?

- A. Yes
- B. No

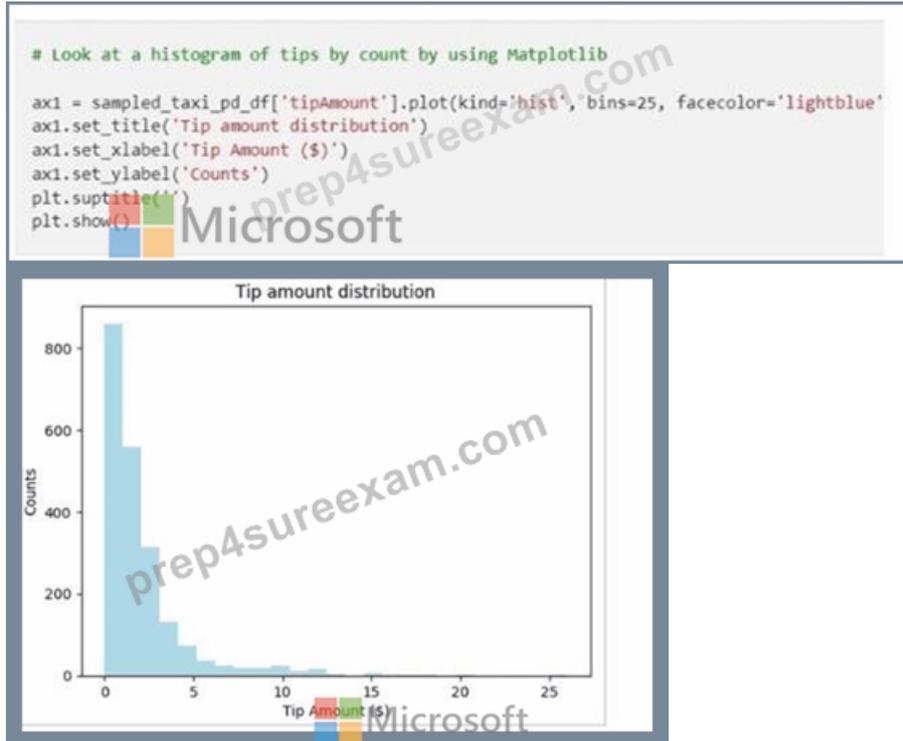
**Answer: A**

Explanation:

ISEMPTY(CALCULATETABLE('Order Item')) checks if there are no related rows in 'Order Item' for a customer. Wrapping this in NOT returns true if the customer has at least one order. This avoids calculating row counts and instead just checks existence, which is more efficient for performance. This reduces execution time and meets the goal.

### NEW QUESTION # 150

You have a Fabric notebook that has the Python code and output shown in the following exhibit.



Which type of analytics are you performing?

- A. prescriptive
- B. predictive
- C. diagnostic
- D. descriptive

**Answer: D**

Explanation:

The Python code and output shown in the exhibit display a histogram, which is a representation of the distribution of data. This kind of analysis is descriptive analytics, which is used to describe or summarize the features of a dataset. Descriptive analytics answers the question of "what has happened" by providing insight into past data through tools such as mean, median, mode, standard deviation, and graphical representations like histograms.

References: Descriptive analytics and the use of histograms as a way to visualize data distribution are basic concepts in data analysis, often covered in introductory analytics and Python programming resources.

### NEW QUESTION # 151

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