DP-500 PDF Dumps 2022 Exam Questions with Practice Test [Q46-Q70
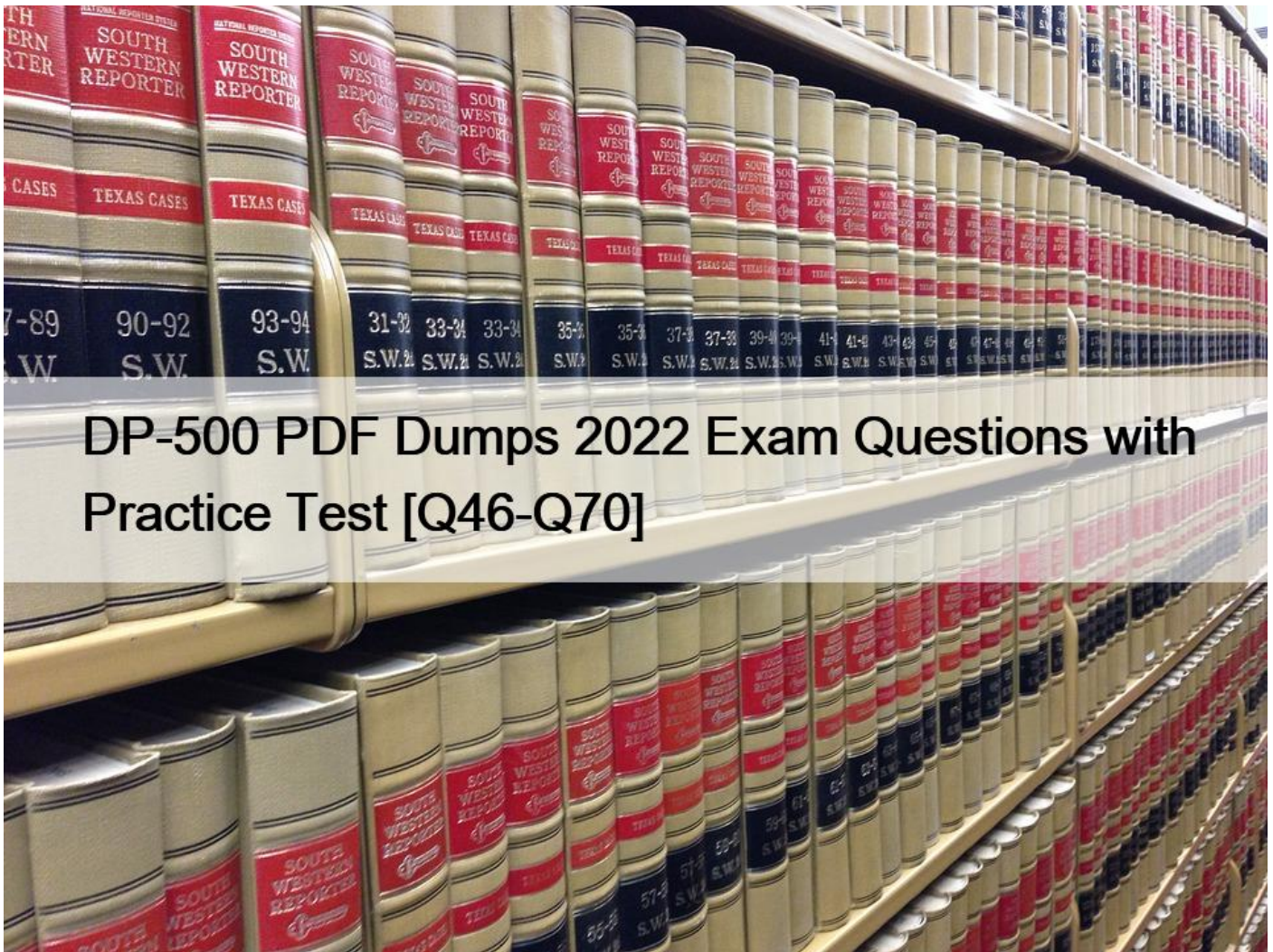

DP-500 PDF Dumps 2022 Exam Questions with Practice Test Dumps for Free DP-500 Practice Exam Questions NEW QUESTION 46

You need to save Power Bl dataflows in an Azure Storage account.

Which two prerequisites are required to support the configuration? Each correct answer presents part of the

solution.

NOTE: Each correct selection is worth one point.
* The storage account must be protected by using an Azure Firewall.
* The connection must be created by a user that is assigned the Storage Blob Data Owner role.
* The storage account must have hierarchical namespace enabled.
* Dataflows must exist already for any directly connected Power Bl workspaces.
* The storage account must be created in a separate Azure region from the Power Bl tenant and workspaces.

NEW QUESTION 47

You plan to generate a line chart to visualize and compare the last six months of sales data for two

departments. You need to increase the accessibility of the visual. What should you do?
* Replace long text with abbreviations and acronyms.
* Configure a unique marker for each series.
* Configure a distinct color for each series.
* Move important information to a tooltip.

NEW QUESTION 48

You develop a solution that uses a Power Bl Premium capacity. The capacity contains a dataset that is

expected to consume 50 GB of memory.

Which two actions should you perform to ensure that you can publish the model successfully to the Power Bl

service? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.
* Increase the Max Offline Dataset Size setting.
* Invoke a refresh to load historical data based on the incremental refresh policy.
* Restart the capacity.
* Publish an initial dataset that is less than 10 GB.
* Publish the complete dataset.

NEW QUESTION 49

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 Bl dataset named Dataset1.

In Dataset1, you currently have 50 measures that use the same time intelligence logic.

You need to reduce the number of measures, while maintaining the current functionality.

Solution: From Power Bl Desktop, you create a hierarchy.

Does this meet the goal?
* Yes

* No

NEW QUESTION 50

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 using an Azure Synapse Analytics serverless SQL pool to query a collection of Apache Parquet files

by using automatic schema inference. The files contain more than 40 million rows of UTF-8-encoded business

names, survey names, and participant counts. The database is configured to use the default collation.

The queries use open row set and infer the schema shown in the following table.

name	system_type_name	max_length
businessName	varchar(8000)	8000
surveyName	varchar(8000)	8000
participants	int	4

You need to recommend changes to the queries to reduce I/O reads and tempdb usage.

Solution: You recommend using openrowset with to explicitly define the collation for businessName and

surveyName as Latim_Generai_100_BiN2_UTF8.

Does this meet the goal?
* Yes
* No

NEW QUESTION 51

You have an Azure Synapse Analytics dataset that contains data about jet engine performance. You need to

score the dataset to identify the likelihood of an engine failure. Which function should you use in the query?
* PIVOT
* GROUPING
* PREDICT
* CAST

NEW QUESTION 52

You have a dataset that contains a table named UserPermissions. UserPermissions contains the following data.

User	Region
CONTOSO\User1	1
CONTOSO\User2	2
CONTOSO\User3	1
CONTOSO\User4	3
CONTOSO\User4	5

You plan to create a security role named User Security for the dataset. You need to filter the dataset based on

the current users. What should you include in the DAX expression?

* [UserPermissions] – USERNAME()

* [UserPermissions] – USERPRINCIPALNAME()

* [User] = USERPRINCIPALNAME()

* [User] = USERNAMEQ()

* [User] = USEROBJECTID()

NEW QUESTION 53

You have a Power Bl workspace named Workspacel that contains five dataflows.

You need to configure Workspacel to store the dataflows in an Azure Data Lake Storage Gen2 account

What should you do first?
* Delete the dataflow queries.
* From the Power Bl Admin portal, enable tenant-level storage.
* Disable load for all dataflow queries.
* Change the Data source settings in the dataflow queries.

NEW QUESTION 54

You have the following code in an Azure Synapse notebook.

```
import matplotlib.pyplot as plt
x1 = [2, 3, 4]
y1 = [5, 5, 5]
x2 = [1, 2, 3, 4, 5]
y2 = [2, 3, 2, 3, 4]
y3 = [6, 8, 7, 8, 7]
plt.scatter(x1, y1)
plt.scatter(x2, y2, marker='v', color='r')
plt.scatter(x2, y3, marker='^', color='m')
plt.title('Scatter Plot')
plt.show()
```

Use the drop-down menus to select the answer choice that completes each statement based on the information

presented in the code.

NOTE: Each correct selection is worth one point.

Answer Area

There will be [answer choice] rendered as the output of the code.

| one scat |
| two scat |
| three sca |

There will be [answer choice] used in the output.

| one mar |
| two mar |
| three m: |

Answer Area

There will be [answer choice] rendered as the output of the code.

| one scat |
| two scat |
| three sca |

There will be [answer choice] used in the output.

| one mar |
| two mar |
| three m: |

NEW QUESTION 55

You need to create Power Bl reports that will display data based on the customers' subscription level.

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	Answer Area
Create a perspective.	
Enable bidirectional filtering.	
Create a DAX expression.	
Create row-level security (RLS) roles.	
Add members to row-level security (RLS) roles.	

Actions	Answer Area
Create a perspective.	Create a DAX expression.
Enable bidirectional filtering.	Enable bidirectional filtering.
Create a DAX expression.	Add members to row-level security (RLS) roles.
Create row-level security (RLS) roles.	
Add members to row-level security (RLS) roles.	

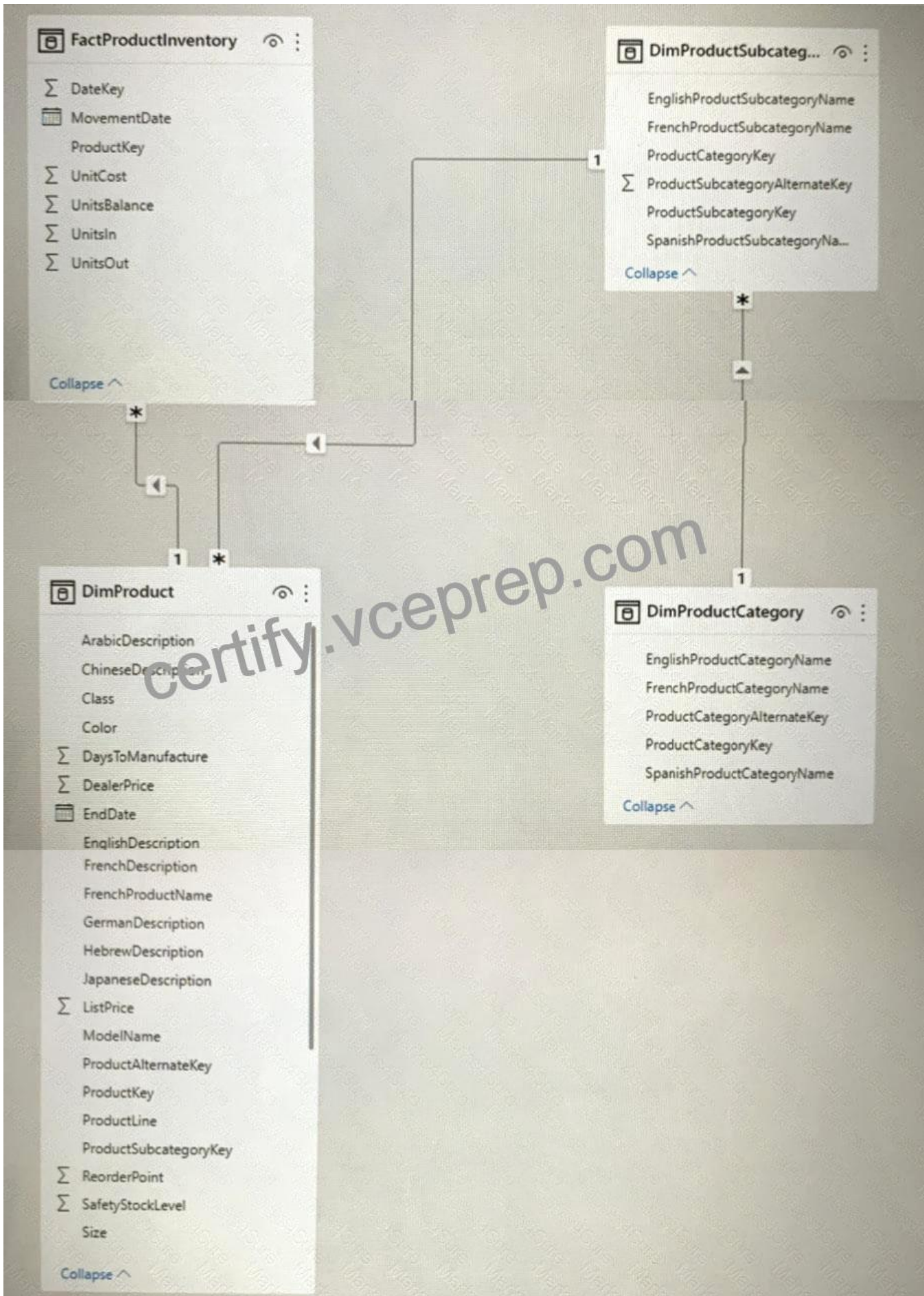**NEW QUESTION 56**

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 the Power BI data model shown in the exhibit (Click the Exhibit tab.)

FactProductInventory

- Σ DateKey
- 📅 MovementDate
- ProductKey
- Σ UnitCost
- Σ UnitsBalance
- Σ UnitsIn
- Σ UnitsOut

Collapse ∧

DimProductSubcateg...

- EnglishProductSubcategoryName
- FrenchProductSubcategoryName
- ProductCategoryKey
- Σ ProductSubcategoryAlternateKey
- ProductSubcategoryKey
- SpanishProductSubcategoryNa...

Collapse ∧

DimProduct

- ArabicDescription
- ChineseDescription
- Class
- Color
- Σ DaysToManufacture
- Σ DealerPrice
- 📅 EndDate
- EnglishDescription
- FrenchDescription
- FrenchProductName
- GermanDescription
- HebrewDescription
- JapaneseDescription
- Σ ListPrice
- ModelName
- ProductAlternateKey
- ProductKey
- ProductLine
- ProductSubcategoryKey
- Σ ReorderPoint
- Σ SafetyStockLevel
- Size

Collapse ∧

DimProductCategory

- EnglishProductCategoryName
- FrenchProductCategoryName
- ProductCategoryAlternateKey
- ProductCategoryKey
- SpanishProductCategoryName

Collapse ∧

Users indicate that when they build reports from the data model, the reports take a long time to load.

You need to recommend a solution to reduce the load times of the reports.

Solution: You recommend denormalizing the data model.

Does this meet the goal?
* Yes
* No

NEW QUESTION 57

You have a Power Bl dataset that contains the following measures:
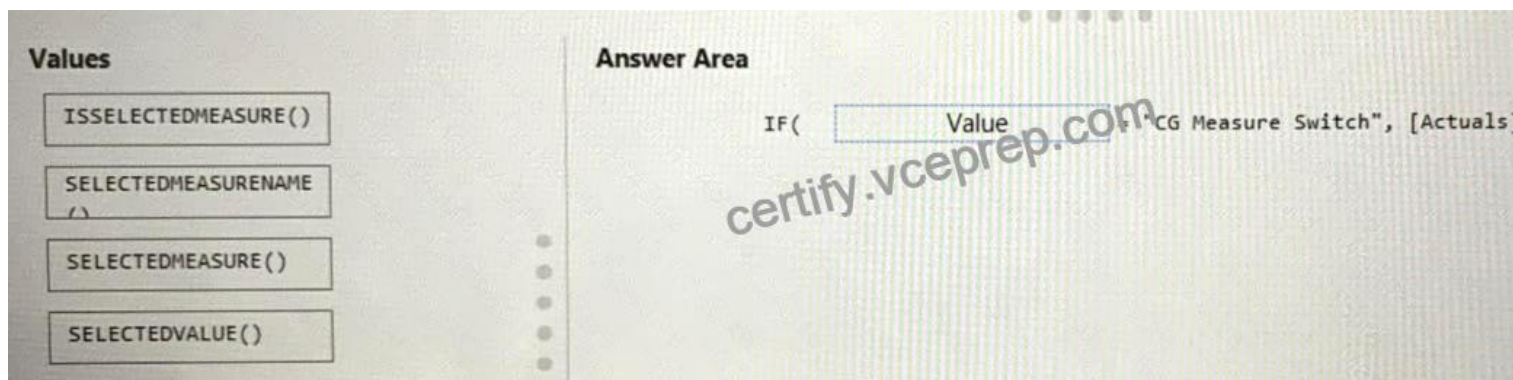
* Budget

* Actuals

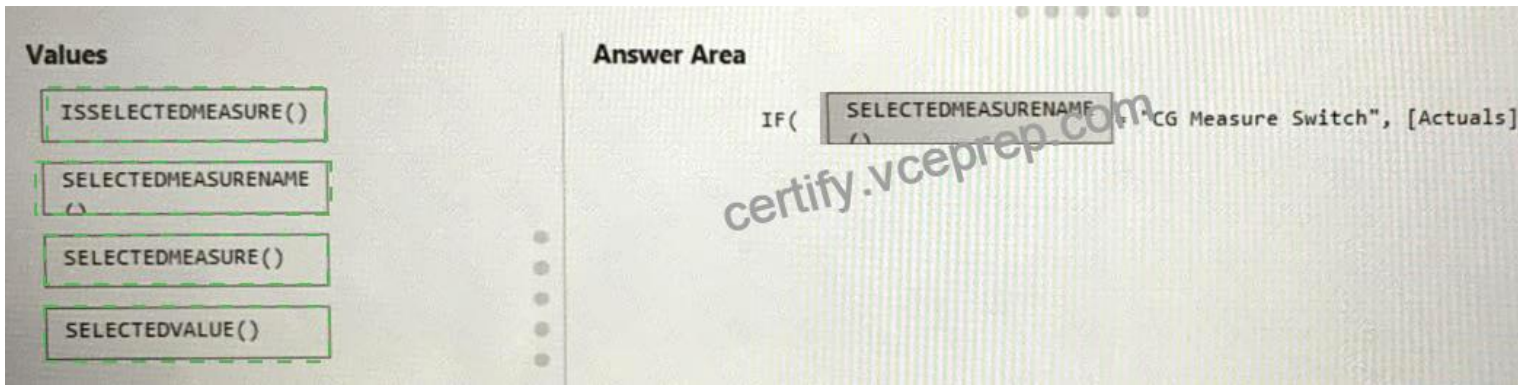* Forecast

You create a report that contains 10 visuals.

You need provide users with the ability to use a slicer to switch between the measures in two visuals only.

You create a dedicated measure named cg Measure switch.

How should you complete the DAX expression for the Actuals measure? To answer, drag the appropriate

values to the 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

ISSELECTEDMEASURE()

SELECTEDMEASURENAME()

SELECTEDMEASURE()

SELECTEDVALUE()

Answer Area

IF([Value   ] , "CG Measure Switch", [Actuals]

Values		Answer Area

ISSELECTEDMEASURE()

SELECTEDMEASURENAME
()

SELECTEDMEASURE()

SELECTEDVALUE()

IF(SELECTEDMEASURENAME
() "CG Measure Switch", [Actuals]

NEW QUESTION 58

You have a Power Bl report that contains one visual.

You need to provide users with the ability to change the visual type without affecting the view for other users.

What should you do?
* From Report setting, select Personalize visuals.
* From Tabular Editor, create a new perspective.
* From the Bookmarks pane, select Focus mode, and then select Add.
* From Visual options in Report settings, select Use the modern visual header with updated styling options.

NEW QUESTION 59

You are building a Power Bl dataset that contains a table named Calendar. Calendar contains the following

calculated column.

pfflag = IF(‘Calendar'[Date] < TOOAYQ, “Past”, “Future”)

You need to create a measure that will perform a fiscal prior year-to-date calculation that meets the following

requirements:

* Returns the fiscal prior year-to-date value for [sales Amount]

* Uses a fiscal year end of June 30

* Produces no result for dates in the future

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

```
PYTD =

CALCULATE (

    [Sales Amount],
```

| CALCULATETABLE |
| CROSSJOIN |
| SUMMARIZECOLUMNS |
| UNION |

`'Ca`
| DATEADD |
| FIRSTDATE |
| PARALLELPERIOD |
| SAMEPERIODLASTYEAR |

`( DATESYTD ( 'Calendar'[Date], "6/30`

```
        'Calendar'[pfFlag] =
```

| "Future" |
| NOW() |
| "Past" |
| TODAY() |

```
    )

)
```

Answer Area

```
PYTD =

CALCULATE (

    [Sales Amount],
```

| CALCULATETABLE |
| CROSSJOIN |
| SUMMARIZECOLUMNS |
| UNION |

`'Ca`
| DATEADD |
| FIRSTDATE |
| PARALLELPERIOD |
| SAMEPERIODLASTYEAR |

`( DATESYTD ( 'Calendar'[Date], "6/30`

```
        'Calendar'[pfFlag] =
```

| "Future" |
| NOW() |
| "Past" |
| TODAY() |

```
    )

)
```

NEW QUESTION 60

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 Bl dataset named Datasetl.

In Dataset1, you currently have 50 measures that use the same time intelligence logic.

You need to reduce the number of measures, while maintaining the current functionality.

Solution: From DAX Studio, you write a query that uses grouping sets.

Does this meet the goal?
* Yes
* No

NEW QUESTION 61

You have a Power Bl dataset named Dataset1 that uses DirectQuery against an Azure SQL database named

DB1. DB1 is a transactional database in the third normal form.

You need to recommend a solution to minimize how long it takes to execute the query. The solution must

maintain the current functionality. What should you include in the recommendation?
* Create calculated columns in Dataset1.
* Remove the relationships from Dataset1.
* Normalize the tables in DB1.
* Denormalize the tables in DB1.

NEW QUESTION 62

You have a Power Bl tenant that contains 10 workspaces.

You need to create dataflows in three of the workspaces. The solution must ensure that data engineers can

access the resulting data by using Azure Data Factory.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point

* Associate the Power Bl tenant to an Azure Data Lake Storage account.
* Add the managed identity for Data Factory as a member of the workspaces.
* Create and save the dataflows to an Azure Data Lake Storage account.
* Create and save the dataflows to the internal storage of Power BL

NEW QUESTION 63

You need to integrate the external data source to support the planned changes.

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.

NEW QUESTION 64

You need to recommend a solution to add new fields to the financial data Power Bl dataset with data from the

Microsoft SQL Server data warehouse.

What should you include in the recommendation?
* Azure Purview
* Site-to-Site VPN
* an XMLA endpoint
* the on-premises data gateway

NEW QUESTION 65

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 using an Azure Synapse Analytics serverless SQL pool to query a collection of Apache Parquet files

by using automatic schema inference. The files contain more than 40 million rows of UTF-8-encoded business

names, survey names, and participant counts. The database is configured to use the default collation.

The queries use open row set and infer the schema shown in the following table.

name	system_type_name	max_length
businessName	varchar(8000)	8000
surveyName	varchar(8000)	8000
participants	int	4

You need to recommend changes to the queries to reduce I/O reads and tempdb usage.

Solution: You recommend using openrowset with to explicitly specify the maximum length for businessName

and surveyName.

Does this meet the goal?
* Yes
* No

NEW QUESTION 66

You discover a poorly performing measure in a Power Bl data model.

You need to review the query plan to analyze the amount of time spent in the storage engine and the formula

engine.

What should you use?
* Tabular Editor
* Performance analyzer in Power Bl Desktop
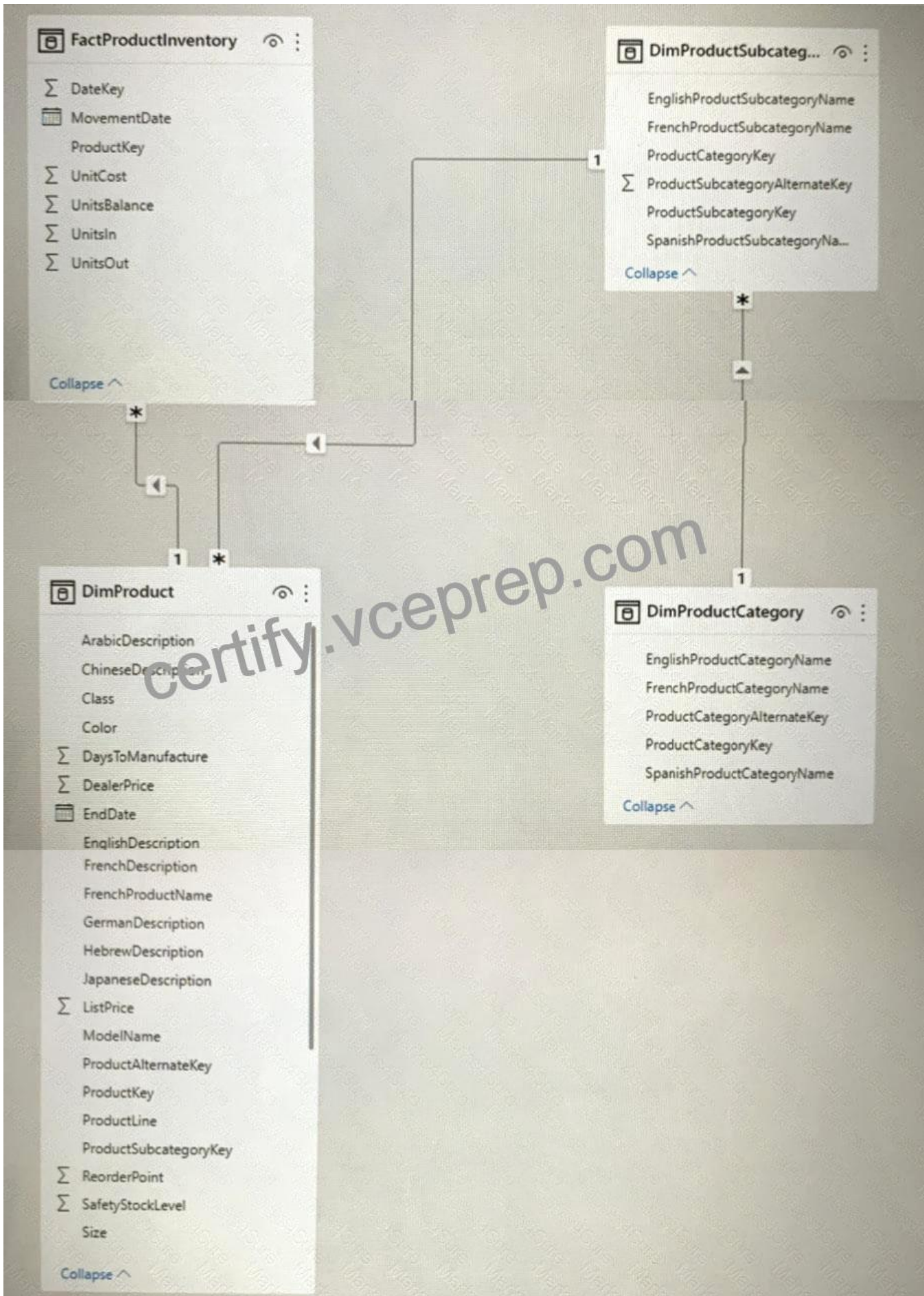* Vertipaq Analyzer
* DAX Studio

NEW QUESTION 67

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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.

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You have the Power Bl data model shown in the exhibit. (Click the Exhibit tab.)

FactProductInventory

- ∑ DateKey
- 🗓 MovementDate
- ProductKey
- ∑ UnitCost
- ∑ UnitsBalance
- ∑ UnitsIn
- ∑ UnitsOut

Collapse ∧

DimProductSubcateg...

- EnglishProductSubcategoryName
- FrenchProductSubcategoryName
- ProductCategoryKey
- ∑ ProductSubcategoryAlternateKey
- ProductSubcategoryKey
- SpanishProductSubcategoryNa...

Collapse ∧

DimProduct

- ArabicDescription
- ChineseDescription
- Class
- Color
- ∑ DaysToManufacture
- ∑ DealerPrice
- 🗓 EndDate
- EnglishDescription
- FrenchDescription
- FrenchProductName
- GermanDescription
- HebrewDescription
- JapaneseDescription
- ∑ ListPrice
- ModelName
- ProductAlternateKey
- ProductKey
- ProductLine
- ProductSubcategoryKey
- ∑ ReorderPoint
- ∑ SafetyStockLevel
- Size

Collapse ∧

DimProductCategory

- EnglishProductCategoryName
- FrenchProductCategoryName
- ProductCategoryAlternateKey
- ProductCategoryKey
- SpanishProductCategoryName

Collapse ∧

Users indicate that when they build reports from the data model, the reports take a long time to load.

You need to recommend a solution to reduce the load times of the reports.

Solution: You recommend moving all the measures to a calculation group.

Does this meet the goal?
* Yes
* No

NEW QUESTION 68

You plan to create a Power Bl report that will use an OData feed as the data source. You will retrieve all the

entities from two different collections by using the same service root

The OData feed is still in development. The location of the feed will change once development is complete.

The report will be published before the OData feed development is complete.

You need to minimize development effort to change the data source once the location changes.

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.

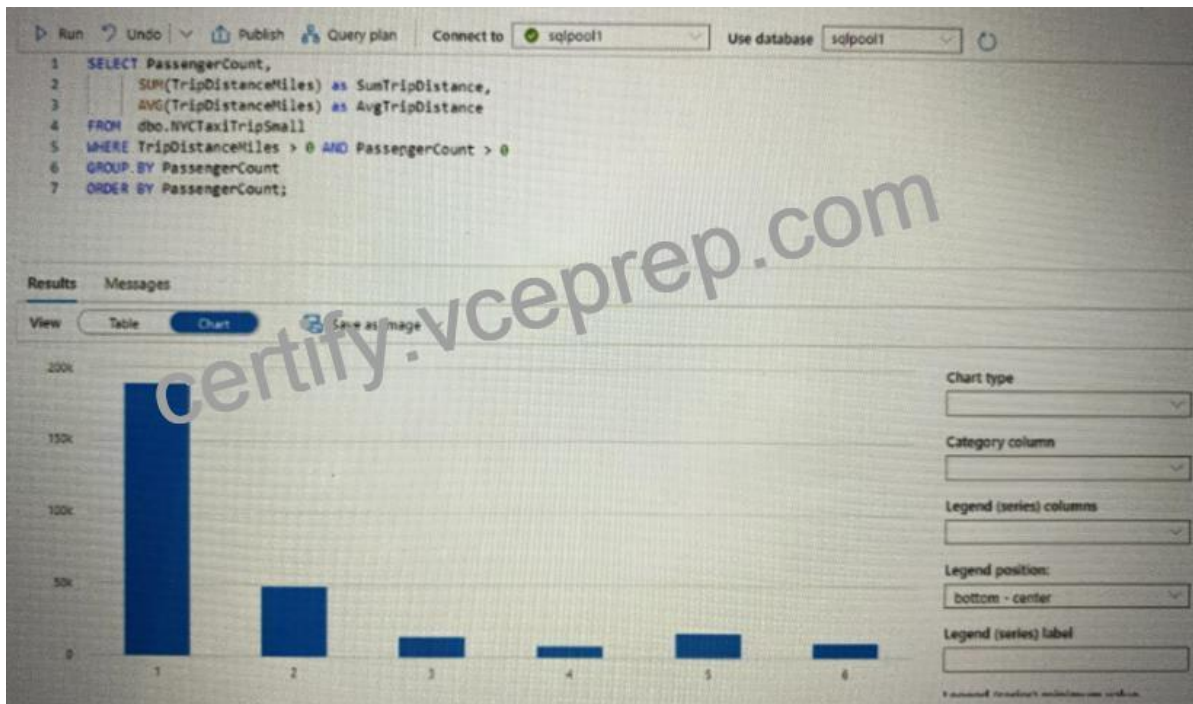| Actions	Answer Area
Create a parameter that contains the service root URI.	
From Advanced Editor, duplicate the query and change the resource path in the URL.	
Get data from an OData feed source and use the parameter to populate the first part of the URL.	
From Advanced Editor, get data from an OData feed source and use the parameter to populate the last part of the URL.	
From Advanced Editor, reference the query and change the resource path in the URL.	

Actions

Create a parameter that contains the service root URI.
From Advanced Editor, duplicate the query and change the resource path in the URL.
Get data from an OData feed source and use the parameter to populate the first part of the URL.
From Advanced Editor, get data from an OData feed source and use the parameter to populate the last part of the URL.
From Advanced Editor, reference the query and change the resource path in the URL.

Answer Area

From Advanced Editor, duplicate the query and ch the URL.
Get data from an OData feed source and use the first part of the URL.
From Advanced Editor, get data from an OData fe parameter to populate the last part of the URL.

NEW QUESTION 69

You are using Azure Synapse Studio to explore a dataset that contains data about taxi trips.

You need to create a chart that will show the total trip distance according to the number of passengers as

shown in the following exhibit.

How should you configure the chart? To answer, select the appropriate options in the answer area. NOTE:

Each correct selection is worth one point.

Answer Area

Category column:

AvgTripDistance
PassengerCount
SumTripDistance
TripDistanceMiles

Legend (series) column:

AvgTripDistance
PassengerCount
SumTripDistance
TripDistanceMiles

Answer Area

Category column:

AvgTripDistance
PassengerCount
SumTripDistance
TripDistanceMiles

Legend (series) column:

AvgTripDistance
PassengerCount
SumTripDistance
TripDistanceMiles

NEW QUESTION 70

You are using an Azure Synapse Analytics serverless SQL pool to query network traffic logs in the Apache

Parquet format. A sample of the data is shown in the following table.

source		destination	
name	ip	name	ip
Network01	192.168.0.1	Internet	0.0.0.0

You need to create a Transact-SQL query that will return the source IP address.

Which function should you use in the select statement to retrieve the source IP address?
* JS0N_VALUE
* FOR.JSON
* CONVERT

* FIRST VALUE

Check your preparation for Microsoft DP-500 On-Demand Exam: https://www.vceprep.com/DP-500-latest-vce-prep.html]