

Exam Questions DP-500

Designing and Implementing Enterprise-Scale Analytics Solutions Using Microsoft Azure and Microsoft Power BI

<https://www.2passeasy.com/dumps/DP-500/>



NEW QUESTION 1

- (Exam Topic 3)

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?

- A. Replace long text with abbreviations and acronyms.
- B. Configure a unique marker for each series.
- C. Configure a distinct color for each series.
- D. Move important information to a tooltip.

Answer: C

Explanation:

Themes, contrast and colorblind-friendly colors.

You should ensure that your reports have enough contrast between text and any background colors. Certain color combinations are particularly difficult for users with color vision deficiencies to distinguish.

These include the following combinations:

green and red green and brown blue and purple green and blue

light green and yellow blue and grey

green and grey green and black

Avoid using these colors together in a chart, or on the same report page.

Reference: <https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-creating-reports>

NEW QUESTION 2

- (Exam Topic 3)

You use the Vertipaq Analyzer to analyze tables in a dataset as shown in the Tables exhibit. (Click the Tables tab.)

Vertipaq Analyzer Metrics						
Tables	Columns	Relationships	Partitions	Summary		
Name	Cardinality	Table Size	Col Size	Data	Dictionary	Hier Size
Plan	627,876	22,823,464	21,147,552	6,697,272	10,293,184	4,157,096
Forecast Amount	101,606	22,823,464	7,400,920	1,475,640	5,112,384	812,896
Budget Amount	101,596	22,823,464	7,400,024	1,475,640	5,111,568	812,816
Row ID	627,876	22,823,464	4,185,992	1,674,344	120	2,511,528
ProductKey	628	22,823,464	842,296	818,016	19,208	5,072
Sales	858,789	20,968,092	18,674,660	12,182,384	2,587,004	3,905,272
Row ID	858,789	20,968,092	5,725,408	2,290,112	120	3,435,176
SalesAmount	36,554	20,968,092	2,960,560	1,245,904	1,422,176	292,480
TotalCost	9,711	20,968,092	1,924,272	1,238,488	608,056	77,728
Sales ID	2,000	20,968,092	1,431,192	1,374,064	41,080	16,048
Date	1,095	20,968,092	1,428,968	1,373,856	46,312	8,800

The table relationships for the dataset are shown in the Relationships exhibit. (Click the Relationships tab.)

Vertipaq Analyzer Metrics						
Tables	Columns	Relationships	Partitions	Summary		
Table / Relationship	Size	Max From Cardinality	Max To Cardinality	1:M Ratio %	Missing Keys	
Plan	1,675,912	627,876	858,789	136.78%	7	
Plan[ProductKey] ↔ 1 Product[ProductKey]	848	628	629	0.10%	0	
Plan[StoreKey] ↔ 1 Store[Store Key]	360	306	299	0.05%	7	
Plan[GeographyKey] ↔ 1 Geography[GeographyKey]	312	263	263	0.04%	0	
Plan[DateKey] ↔ 1 Month & Year Distinct[Date]	32	36	36	0.01%	0	
Sales	2,293,432	858,789	1,095	0.13%	858,793	
Sales[Date] ↔ 1 Calendar[Date]	1,760	1,095	1,095	0.13%	0	
Sales[GeographyKey] ↔ 1 Geography[GeographyKey]	312	263	263	0.03%	0	
Sales[PromotionKey] ↔ 1 Promotion[Promotion Key]	24	28	28	0.00%	0	
Sales[channelKey] ↔ 1 Channel[ChannelKey]	8	4	4	0.00%	0	
Sales[Row ID] ↔ 1 Plan Header Details[Row ID]	0	858,789	3	0.00%	858,786	

You need to reduce the model size by eliminating invalid relationships. Which column should you remove?

- A. Sales[Sales Amount]
- B. Sales[RowID]
- C. Sales[Sales ID]
- D. Plan[RowID]

Answer: B

Explanation:

Sales[Row ID] has 858,786 missing keys and 858,789 Max From Cardinality.

Note: The Max From Cardinality column defines the cost of the relationship which is the amount of time DAX needs to transfer the filters from the dimensions table to the fact table.

Reference: <https://blog.enterprisedna.co/vertipaq-analyzer-tutorial-relationships-referential-integrity/>

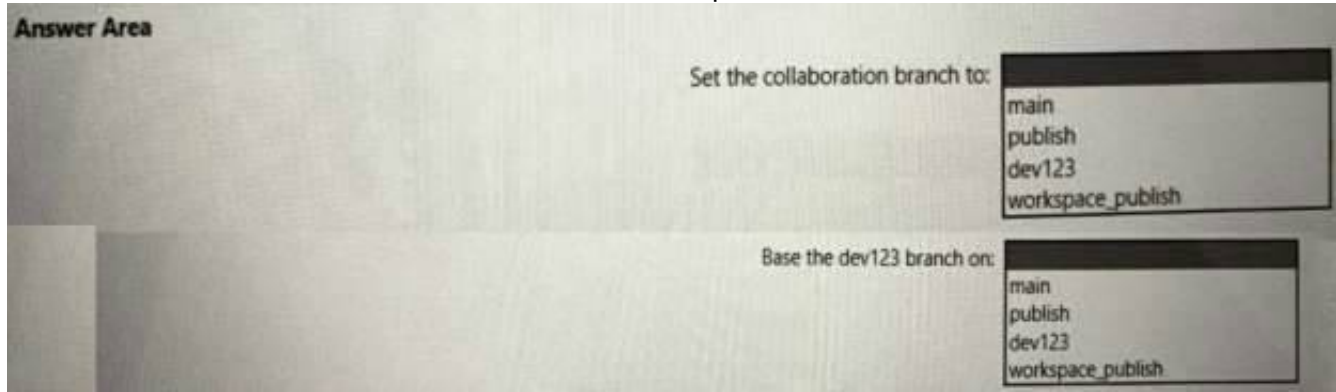
NEW QUESTION 3

- (Exam Topic 3)

You need to configure a source control solution for Azure Synapse Analytics. The solution must meet the following requirements:

- Code must always be merged to the main branch before being published, and the main branch must be used for publishing resource
- The workspace templates must be stored in the publish branch.
- A branch named dev123 will be created to support the development of a new feature. 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:

Box 1: main
Code must always be merged to the main branch before being published, and the main branch must be used for publishing resources.
Collaboration branch - Your Azure Repos collaboration branch that is used for publishing. By default, its master. Change this setting in case you want to publish resources from another branch. You can select existing branches or create new.
Each Git repository that's associated with a Synapse Studio has a collaboration branch. (main or master is the default collaboration branch).
Box 2: workspace_publish
A branch named dev123 will be created to support the development of a new feature. The workspace templates must be stored in the publish branch.
Creating feature branches
Users can also create feature branches by clicking + New Branch in the branch dropdown.
By default, Synapse Studio generates the workspace templates and saves them into a branch called workspace_publish. To configure a custom publish branch, add a publish_config.json file to the root folder in the collaboration branch.
Reference: https://docs.microsoft.com/en-us/azure/synapse-analytics/cicd/source-control

NEW QUESTION 4

- (Exam Topic 3)
You use Vertipaq Analyzer to analyze a model.
The Relationships tab contains the results shown in the following exhibit.

IsRowNumber	Cardinality (Filter)	Relationship	Type	Max From Cardinality	Max to Cardinality	1:M Ratio	% Missing Keys	Invalid Rows	Relationships	Size	Bid.	Filters	MMR
		'Date' [Date] ==<-1 'LocalDateTable_39c22ddb-27f3-4e6c-8a44-a3380850fcb4' [Date]	M:1	84	2,557	3044.05%	0	0		4,056			
Fact													
		'Fact' [BU Key] ==<-1 'BU' [BU Key]	M:1	90	327	0.69%	22			184			
		'Fact' [Customer Key] ==<-1 'Customer' [Customer]	M:1	26	164	0.34%	0	0		32			
		'Fact' [Product Key] ==<-1 'Product' [Product Key]	M:1	90	327	0.69%	21	1,804		112			
		'Fact' [Scenario Key] ==<-1 'Scenario' [Scenario Key]	M:1	7	6	0.01%	1	6,577		8			
		'Fact' [YearPeriod] ==<-1 'Date' [YearPeriod]	M:1	2	2	0.00%	0	0		8			
		'Fact' [YearPeriod] ==<-1 'Date' [YearPeriod]	M:1	16	84	0.18%	0	0		24			
Grand Total				M:1	90	2,557	3044.05%	27		4,320			

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

The [answer choice] table is missing records needed by the Fact table.

BU Key
Customer
Date
Scenario

There are [answer choice] blank values created by missing dimensional relationships.

22
1,804
6,577
8,381

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Customer
There are 1804 invalid rows (records) in the Customer table. Box 2: 22
There are 22 missing keys.
Note: VertiPaq Analyzer in DAX Studio is useful in identifying referential integrity violations which slow down your DAX codes. It helps you determine which table or column needs to be optimized and improved. Reference: https://blog.enterprisedna.co/vertipaq-analyzer-tutorial-relationships-referential-integrity/

NEW QUESTION 5

- (Exam Topic 3)

You have a Power BI tenant.

You plan to register the tenant in an Azure Purview account.

You need to ensure that you can scan the tenant by using Azure Purview.

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

- A. From the Microsoft 365 admin center, create a Microsoft 365 group.
- B. From the Power BI Admin center, set Allow live connections to Enabled.
- C. From the Power BI Admin center, set Allow service principals to use read-only Power BI admin APIs to Enabled.
- D. From the Azure Active Directory admin center, create a security group.
- E. From the Power BI Admin center, set Share content with external users to Enabled.

Answer: CD

Explanation:

Scan same-tenant Power BI using Azure IR and Managed Identity in public network. Make sure Power BI and Microsoft Purview accounts are in the same tenant.

Make sure Power BI tenant Id is entered correctly during the registration.

From Azure portal, validate if Microsoft Purview account Network is set to public access.

From Power BI tenant Admin Portal, make sure Power BI tenant is configured to allow public network.

(D) In Azure Active Directory tenant, create a security group.

From Azure Active Directory tenant, make sure Microsoft Purview account MSI is member of the new security group.

On the Power BI Tenant Admin portal, validate if Allow service principals to use read-only Power BI admin APIs is enabled for the new security group.

Associate the security group with Power BI tenant Log into the Power BI admin portal.

Select the Tenant settings page.

(C) Select Admin API settings > Allow service principals to use read-only Power BI admin APIs (Preview). Select Specific security groups.

Select Admin API settings > Enhance admin APIs responses with detailed metadata > Enable the toggle to allow Microsoft Purview Data Map automatically discover the detailed metadata of Power BI datasets as part of its scans.

Reference: <https://docs.microsoft.com/en-us/azure/purview/register-scan-power-bi-tenant>

NEW QUESTION 6

- (Exam Topic 3)

You have a Power BI dataset. The dataset contains data that is updated frequently. You need to improve the performance of the dataset by using incremental refreshes.

Which four actions should you perform in sequence to enable the incremental refreshes? 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

Define the incremental refresh policy for the table.

Enable query caching.

Publish the model to the Power BI service.

Create RangeStart and RangeEnd parameters.

Use the Power BI REST API to post a message to /refreshes.

Apply a custom Date/Time filter to the data.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application, chat or text message Description automatically generated

Step 1: Create RangeStart and RangeEnd parameters. Create parameters

In this task, use Power Query Editor to create RangeStart and RangeEnd parameters with default values. The default values apply only when filtering the data to be loaded into the model in Power BI Desktop. The values you enter should include only a small amount of the most recent data from your data source. When published to the service, these values are overridden by the incremental refresh policy.

Step 2: Apply a custom Date/Time filter to the data. Filter data

With RangeStart and RangeEnd parameters defined, apply a filter based on conditions in the RangeStart and RangeEnd parameters.

Before continuing with this task, verify your source table has a date column of Date/Time data type. Step 3: Define the incremental refresh policy for the table.

Define policy

After you've defined RangeStart and RangeEnd parameters, and filtered data based on those parameters, you define an incremental refresh policy. The policy is applied only after the model is published to the service and a manual or scheduled refresh operation is performed.

Step 4: Publish the model to the Power BI service. Save and publish to the service

When your RangeStart and RangeEnd parameters, filtering, and refresh policy settings are complete, be sure to save your model, and then publish to the service.

Reference: <https://docs.microsoft.com/en-us/power-bi/connect-data/incremental-refresh-configure>

NEW QUESTION 7

- (Exam Topic 3)

You have a Power BI report that contains the table shown in the following exhibit.

Store ID	Store	Returns
6	Leo	\$6,108
5	Fama	\$6,097
13	Contoso	\$5,214
11	Pomum	\$4,968
7	VanArsdel	\$4,964
10	Pirum	\$4,644
2	Aliqui	\$4,479
1	Abbas	\$4,070
8	Natura	\$3,376
14	Victoria	\$2,317
4	Salvus	\$2,296
12	Quibus	\$2,208
3	Barba	\$1,601
Total		\$52,342

The table contains conditional formatting that shows which stores are above, near, or below the monthly quota for returns. You need to ensure that the table is accessible to consumers of reports who have color vision deficiency. What should you do?

- A. Add alt text to explain the information that each color conveys.
- B. Move the conditional formatting icons to a tooltip report.
- C. Change the icons to use a different shape for each color.
- D. Remove the icons and use red, yellow, and green background colors instead.

Answer: A

Explanation:

Report accessibility checklist, All Visuals.

- * Ensure alt text is added to all non-decorative visuals on the page.
- * Avoid using color as the only means of conveying information. Use text or icons to supplement or replace the color.
- * Check that your report page works for users with color vision deficiency.
- * Etc.

Reference: <https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-creating-reports>

NEW QUESTION 8

- (Exam Topic 3)

You have a file named File1.txt that has the following characteristics:

- A header row
- Tab delimited values
- UNIX-style line endings

You need to read File1.txt by using an Azure Synapse Analytics serverless SQL pool. Which query should you execute?

- A. `SELECT*`
`FROM OPENROWSET (`
`BULK 'file1.txt',`
`DATA_SOURCE = 'Sql1',`
`FORMAT = 'CSV', PARSER_VERSION = '2.0',`
`FIELDTERMINATOR = '\t',`
`ROWTERMINATOR = '0x0a',`
`FIRSTROW= 2`
`)`
- B. `SELECT*`
`FROM OPENROWSET (`
`BULK 'file1.txt',`
`DATA_SOURCE = 'Sql1',`
`FORMAT = 'CSV', PARSER_VERSION = '2.0',`
`FIELDTERMINATOR = ',' ,`
`ROWTERMINATOR = '\n',`
`FIRSTROW= 2`
`)`
- C. `SELECT*`
`FROM OPENROWSET (`
`BULK 'file1.txt',`
`DATA_SOURCE = 'Sql1',`
`FORMAT = 'CSV', PARSER_VERSION = '2.0',`
`FIELDTERMINATOR = ',' ,`
`ROWTERMINATOR = '0x0a',`
`FIRSTROW= 2`
`)`
- D. `SELECT*`
`FROM OPENROWSET (`
`BULK 'file1.txt',`
`DATA_SOURCE = 'Sql1',`
`FORMAT = 'CSV', PARSER_VERSION = '2.0',`
`FIELDTERMINATOR = '\t',`
`ROWTERMINATOR = '0x0a',`
`FIRSTROW= 1`
`)`

- A. Option A
 B. Option B
 C. Option C
 D. Option D

Answer: A

Explanation:

Use FIELDTERMINATOR ='t' for tab.

Use ROWTERMINATOR ='0x0A ' for UNIX-style line endings Use FIRSTROW= 2 for a header row

Note: Using Row Terminators

The row terminator can be the same character as the terminator for the last field. Generally, however, a distinct row terminator is useful. For example, to produce tabular output, terminate the last field in each row with the newline character (\n) and all other fields with the tab character (\t).

If you want to output a line feed character only (LF) as the row terminator - as is typical on Unix and Linux computers - use hexadecimal notation to specify the LF row terminator. For example:

`bcp -r '0x0A' FIRSTROW`

`FIRSTROW=first_row` Specifies the number of the first row to load. The default is 1. This indicates the first row in the specified data file. The row numbers are determined by counting the row terminators. `FIRSTROW` is 1-based.

Reference:

<https://docs.microsoft.com/en-us/sql/relational-databases/import-export/specify-field-and-row-terminators-sql-se>

<https://docs.microsoft.com/en-us/sql/t-sql/functions/openrowset-transact-sql>

NEW QUESTION 9

- (Exam Topic 3)

You have an Azure Synapse Analytics serverless SQL pool.

You need to catalog the serverless SQL pool by using Azure Purview.

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

- A. Create a managed identity in Azure Active Directory (Azure AD).
 B. Assign the Storage Blob Data Reader role to the Azure Purview managed service identity (MSI) for the storage account associated to the Synapse Analytics workspace.
 C. Assign the Owner role to the Azure Purview managed service identity (MSI) for the Azure Purview resource group.
 D. Register a data source.
 E. Assign the Reader role to the Azure Purview managed service identity (MSI) for the Synapse Analytics workspace.

Answer: ABE

Explanation:

Authentication for enumerating serverless SQL database resources
 There are three places you'll need to set authentication to allow Microsoft Purview to enumerate your serverless SQL database resources:
 The Azure Synapse workspace
 The associated storage
 The Azure Synapse serverless databases
 The steps below will set permissions for all three. Azure Synapse workspace
 In the Azure portal, go to the Azure Synapse workspace resource. On the left pane, select Access Control (IAM).
 Select the Add button.
 Set the Reader role and enter your Microsoft Purview account name, which represents its managed service identity (MSI).
 Select Save to finish assigning the role
 Azure Synapse Analytics serverless SQL pool catalog Purview Azure Purview managed service identity Storage account
 In the Azure portal, go to the Resource group or Subscription that the storage account associated with the Azure Synapse workspace is in.
 On the left pane, select Access Control (IAM). Select the Add button.
 Set the Storage blob data reader role and enter your Microsoft Purview account name (which represents its MSI) in the Select box.
 Select Save to finish assigning the role. Azure Synapse serverless database
 Go to your Azure Synapse workspace and open the Synapse Studio. Select the Data tab on the left menu.
 Select the ellipsis (...) next to one of your databases, and then start a new SQL script.
 Add the Microsoft Purview account MSI (represented by the account name) on the serverless SQL databases. You do so by running the following command in your SQL script:
 SQL
 CREATE LOGIN [PurviewAccountName] FROM EXTERNAL PROVIDER;
 Apply permissions to scan the contents of the workspace
 You can set up authentication for an Azure Synapse source in either of two ways. Select your scenario below for steps to apply permissions.
 Use a managed identity Use a service principal
 Reference: <https://docs.microsoft.com/en-us/azure/purview/register-scan-synapse-workspace?tabs=MI>

NEW QUESTION 10

- (Exam Topic 3)
 You have an Azure Synapse Analytics dedicated SQL pool.
 You need to ensure that the SQL pool is scanned by Azure Purview. What should you do first?

- A. Register a data source.
- B. Search the data catalog.
- C. Create a data share connection.
- D. Create a data policy.

Answer: B

NEW QUESTION 10

- (Exam Topic 3)
 You manage a dataset that contains the two data sources as shown in the following table.

Data source	Type of data	Privacy level
Azure SQL database	Sensitive company data	Private
Microsoft SharePoint folder	Non-sensitive company data	Private

When you attempt to refresh the dataset in powerbi.com, you receive the following error message: “[Unable to combine data] Add Columns is accessing data sources that have privacy levels which cannot be used together. Please rebuild this data combination.”
 You discover that the dataset contains queries that fold data from the SharePoint folder to the Azure SQL database.
 You need to resolve the error. The solution must provide the highest privacy possible.
 Which privacy level should you select for each data source? To answer, select the appropriate options in the answer area.
 NOTE: Each correct selection is worth one point.

Azure SQL database:

▼

Organizational

Private

Public

SharePoint folder:

▼

Organizational

Private

Public

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Private
 This Formula.Firewall error is the result of Power Query's Data Privacy Firewall (aka the Firewall)
 Note: Folding is a term that refers to converting expressions in M (such as filters, renames, joins, and so on) into operations against a raw data source (such as

SQL, OData, and so on).

Box 2: Organizational

Organizational Limits the visibility of a data source to a trusted group of people. It is isolated from all Public data sources, but is visible to other Organizational data sources. A common example is a Microsoft Word document on an intranet SharePoint site with permissions enabled for a trusted group.

Reference:

<https://support.microsoft.com/en-us/office/set-privacy-levels-power-query-cc3ede4d-359e-4b28-bc72-9bee7900>

NEW QUESTION 15

- (Exam Topic 3)

You are attempting to configure certification for a Power BI dataset and discover that the certification setting for the dataset is unavailable.

What are two possible causes of the issue? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. The workspace is in shared capacity.
- B. You have insufficient permissions.
- C. Dataset certification is disabled for the Power BI tenant.
- D. The sensitivity level for the dataset is set to Highly Confidential.
- E. Row-level security (RLS) is missing from the dataset.

Answer: BC

Explanation:

Reference: <https://docs.microsoft.com/en-us/power-bi/admin/service-admin-setup-certification> <https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-endorse-content>

NEW QUESTION 19

- (Exam Topic 3)

You have a Power BI workspace named Workspace1 that contains five dataflows.

You need to configure Workspace1 to store the dataflows in an Azure Data Lake Storage Gen2 account. What should you do first?

- A. Delete the dataflow queries.
- B. From the Power BI Admin portal, enable tenant-level storage.
- C. Disable load for all dataflow queries.
- D. Change the Data source settings in the dataflow queries.

Answer: B

Explanation:

Configuring Azure connections is an optional setting with additional properties that can optionally be set:

* Tenant Level storage, which lets you set a default, and/or

* Workspace-level storage, which lets you specify the connection per workspace

You can optionally configure tenant-level storage if you want to use a centralized data lake only, or want this to be the default option.

Reference:

<https://docs.microsoft.com/en-us/power-bi/transform-model/dataflows/dataflows-azure-data-lake-storage-integra>

NEW QUESTION 22

- (Exam Topic 3)

You are using DAX Studio to analyze a slow-running report query. You need to identify inefficient join operations in the query. What should you review?

- A. the query statistics
- B. the query plan
- C. the query history
- D. the server timings

Answer: B

Explanation:

Open DAX Studio.

Paste the query there, enable Query Plan display and Server Timings, run your query (with clear cache), and then study the query plan for large row counts. Once the culprit is identified you can decide how to rewrite your DAX to make that part faster.

Reference: <https://community.powerbi.com/t5/Power-Query/DAX-Query-taking-longer-time/td-p/1171961> <https://www.sqlbi.com/wp-content/uploads/DAX-Query-Plans.pdf>

NEW QUESTION 27

- (Exam Topic 3)

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?

- A. Yes
- B. No

Answer: B

Explanation:

Instead use Solution: You recommend using OPENROWSET WITH to explicitly define the collation for businessName and surveyName as Latin1_General_100_BIN2_UTF8.

Query Parquet files using serverless SQL pool in Azure Synapse Analytics. Important

Ensure you are using a UTF-8 database collation (for example Latin1_General_100_BIN2_UTF8) because string values in PARQUET files are encoded using UTF-8 encoding. A mismatch between the text encoding in the PARQUET file and the collation may cause unexpected conversion errors. You can easily change the default collation of the current database using the following T-SQL statement: alter database current collate Latin1_General_100_BIN2_UTF8'.

Note: If you use the Latin1_General_100_BIN2_UTF8 collation you will get an additional performance boost compared to the other collations. The Latin1_General_100_BIN2_UTF8 collation is compatible with parquet string sorting rules. The SQL pool is able to eliminate some parts of the parquet files that will not contain data needed in the queries (file/column-segment pruning). If you use other collations, all data from the parquet files will be loaded into Synapse SQL and the filtering is happening within the SQL process. The Latin1_General_100_BIN2_UTF8 collation has additional performance optimization that works only for parquet and CosmosDB. The downside is that you lose fine-grained comparison rules like case insensitivity.

Reference: <https://docs.microsoft.com/en-us/azure/synapse-analytics/sql/query-parquet-files>

NEW QUESTION 29

- (Exam Topic 3)

You have an Azure Synapse Analytics serverless SQL pool and an Azure Data Lake Storage Gen2 account. You need to query all the files in the 'csv/taxi/' folder and all its subfolders. All the files are in CSV format and have a header row.

How should you complete the query? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
SELECT *
FROM OPENROWSET (
    

BULK 'csv/taxi',
        BULK 'csv/taxi/**',
        BULK 'csv/taxi/*.csv',
        BULK 'csv/taxi/',


    DATA_SOURCE = 'datalake',
    FORMAT = 'CSV', PARSER_VERSION = '2.0',
    

FIRSTROW = 0
        FIRSTROW = 1
        FIRSTROW = -1
        FIRSTROW = 2


)
WITH (
    pickup_datetime DATETIME2,
    passenger_count INT,
    trip_distance FLOAT,
    total_amount FLOAT
) AS nyc;
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: BULK 'csv/taxi*.CSV',

*.CSV to get all the CSV files. Box 2: FIRSTROW=2

As there is a header we should read from the second line. Note: FIRSTROW = 'first_row'

Specifies the number of the first row to load. The default is 1 and indicates the first row in the specified data file. The row numbers are determined by counting the row terminators. FIRSTROW is 1-based.

Incorrect:

Not FIRSTROW=1. FIRSTROW=1 is used when there is no header.

Reference: <https://docs.microsoft.com/en-us/azure/synapse-analytics/sql/develop-openrowset>

NEW QUESTION 32

- (Exam Topic 3)

You have a deployment pipeline for a Power BI workspace. The workspace contains two datasets that use import storage mode.

A database administrator reports a drastic increase in the number of queries sent from the Power Bi service to an Azure SQL database since the creation of the deployment pipeline.

An investigation into the issue identifies the following:

- One of the datasets is larger than 1 GB and has a fact table that contains more than 500 million rows.
- When publishing dataset changes to development, test, or production pipelines, a refresh is triggered against the entire dataset.

You need to recommend a solution to reduce the size of the queries sent to the database when the dataset changes are published to development, test, or production.
What should you recommend?

- A. Request the authors of the deployment pipeline datasets to reduce the number of datasets republished during development.
- B. In the dataset, delete the fact table.
- C. Configure the dataset to use a composite model that has a DirectQuery connection to the fact table.
- D. From Capacity settings in the Power Bi Admin portal, reduce the Max Intermediate Row Set Count setting.

Answer: C

Explanation:

Previously in Power BI Desktop, when you used a DirectQuery in a report, no other data connections, whether DirectQuery or import, were allowed for that report. With composite models, that restriction is removed. A report can seamlessly include data connections from more than one DirectQuery or import data connection, in any combination you choose.
The composite models capability in Power BI Desktop consists of three related features:
* Composite models: Allows a report to have two or more data connections from different source groups, such as one or more DirectQuery connections and an import connection, two or more DirectQuery connections, or any combination thereof.
* Etc.
Reference: <https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-composite-models>

NEW QUESTION 34

- (Exam Topic 3)
You have the Power BI workspaces shown in the following exhibit.

Workspaces						
View personal and group workspaces that exist in your organization. To change users' ability to create workspaces, see tenant settings .						
Refresh Export						
Name	Description	Type	State	Capacity name	Capacity SKU Tier	Workspace upg...
Web Analytics		Workspace	Active			
Infrastructure Svcs		Workspace	Active	Premium Per User - Re...		
Sales Orders		Workspace	Active	pbls01	A1	
PBI Capacity Metrics		Workspace	Orphaned			
PersonalWorkspace		Personal Group	Active			

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

The [answer choice] workspace will allow users outside the organization to view private reports from a custom application without a Power BI license.

Infrastructure Svcs

PBI Capacity Metrics

Sales Orders

Web Analytics

A user must be assigned the [answer choice] role to change the state of the PBI Capacity Metrics workspace to Active.

Admin

Contributor

Member

Viewer

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Infrastrucrue Svcs
Infrastrucrue Svcs is a Premium workspace.
If users have a free license and the workspace is stored in Premium (dedicated) capacity, they will be able to view and interact with the content in that workspace.
If users have a free license and the workspace is stored in shared capacity (not premium), they will not be able to see the content in shared workspace, only "My workspace".
If users have pro license, they will be able to view and interact with the content in that workspace.
Box 2: Admin
We need to activate the Orpaned workspace.
An orphaned workspace is one that does not have an admin assigned.
If you're a Service Admin, you can now view all of your organization's workspaces through the Admin Portal in the user interface.
Graphical user interface, table Description automatically generated with medium confidence

Workspaces

View personal and group workspaces that exist in your organization. To change users' ability to create workspaces, see [Tenant settings](#)

Refresh Export

Name	Description	Type	State	Read only
Wannabe Orphan W...	Orphan testing	Workspace	Orphaned	False

It's easy to Recover an orphan from this screen. Simply select the workspace and click Recover, then add yourself or another user as an admin.
Reference:
<https://community.powerbi.com/t5/Service/Difference-between-Public-and-Private-workspace/m-p/1382219>
<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-portal-workspaces>

NEW QUESTION 36

- (Exam Topic 3)

You have a Power BI dataset that contains two tables named Table1 and Table2. The dataset is used by one report. You need to prevent project managers from accessing the data in two columns in Table1 named Budget and Forecast. Which four 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

For Table1, set the permissions for the Project Manager role to **None**.

From Power BI Desktop, create a role named Project Managers.

For Table1, set the permissions for the Project Manager role to **Read**.

Open **DAX Studio**.

From Power BI Desktop, add a DAX filter to the Project Managers role.

For the Budget and Forecast columns, set the permissions to **None**.

Open **Tabular Editor**.

Answer Area

>

<

↑

↓

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: From Power BI Desktop, create a role named Project Managers. Create roles
You can define roles within Power BI Desktop. Step 2: Open Tabular Editor
Under Tables, select the table to which you want to apply a DAX rule.
In the Table filter DAX expression box, enter the DAX expressions. This expression returns a value of true or false. For example: [Entity ID] = "Value".
Step 3: From Power BI Desktop, add a DAX filter to the Project Managers role. Step 4: For Table1, the Budget and Forecast columns, set the permissions to None.
Reference: <https://docs.microsoft.com/en-us/power-bi/guidance/rls-guidance>

NEW QUESTION 37

- (Exam Topic 3)

You are implementing a reporting solution that has the following requirements:

- Reports for external customers must support 500 concurrent requests. The data for these reports is approximately 7 GB and is stored in Azure Synapse Analytics.
- Reports for the security team use data that must have local security rules applied at the database level to restrict access. The data being reviewed is 2 GB.

Which storage mode provides the best response time for each group of users?

- A. DirectQuery for the external customers and import for the security team.
- B. DirectQuery for the external customers and DirectQuery for the security team.
- C. Import for the external customers and DirectQuery for the security team.
- D. Import for the external customers and import for the security team.

Answer: A

Explanation:

With DirectQuery, queries are sent back to your Azure Synapse Analytics in real time as you explore the data. Real-time queries, combined with the scale of Synapse Analytics enables users to create dynamic reports in minutes against terabytes of data.
Need import for the security team for local security rules. Reference:
<https://docs.microsoft.com/en-us/power-bi/connect-data/service-azure-sql-data-warehouse-with-direct-connect>

NEW QUESTION 42

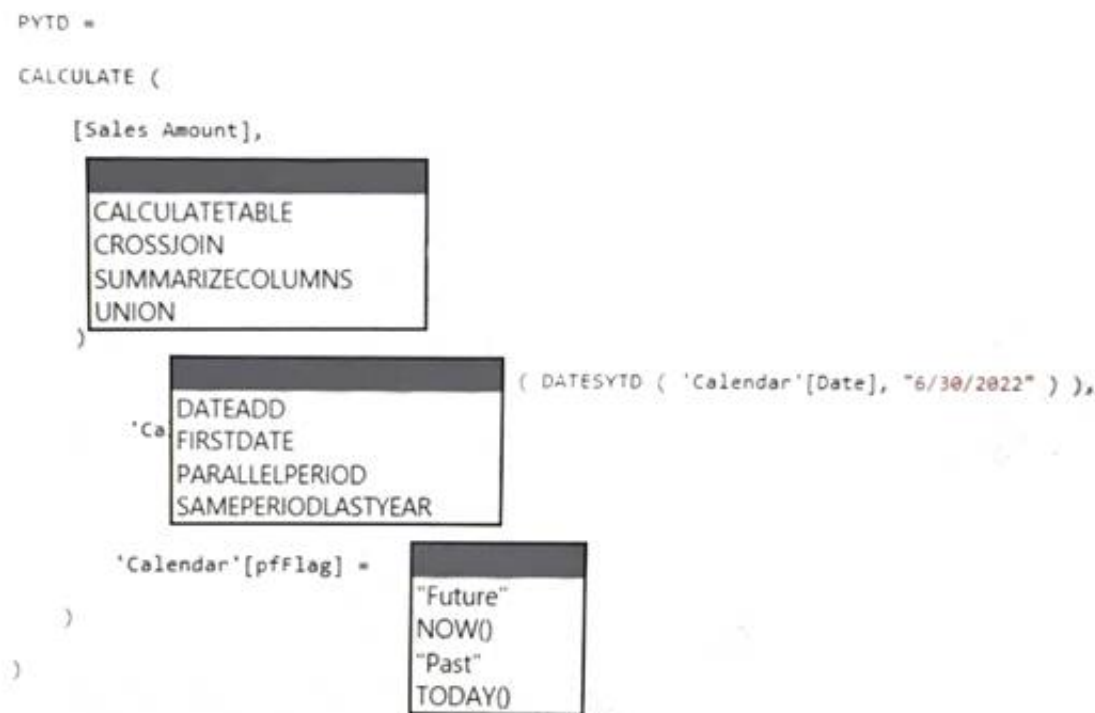
- (Exam Topic 3)

You are building a Power BI 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



= CALCULATE(SUM(InternetSales_USD[SalesAmount_USD]), DATESYTD(DateTime[DateKey])) Reference: https://docs.microsoft.com/en-us/dax/calculatetable-

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

https://docs.microsoft.com/en-us/dax/datesytd-function-dax

NEW QUESTION 45

- (Exam Topic 3)

You have a Power BI 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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: SELECTEDMEASURENAME()

SELECTEDMEASURENAME is used by expressions for calculation items to determine the measure that is in context by name.

Syntax: SELECTEDMEASURENAME()

No parameters. Example:

The following calculation item expression checks if the current measure is Expense Ratio and conditionally applies calculation logic. Since the check is based on a string comparison, it is not subject to formula fixup and will not benefit from object renaming being automatically reflected. For a similar comparison that would benefit from formula fixup, please see the ISSLECTEDMEASURE function instead.

IF (

SELECTEDMEASURENAME = "Expense Ratio", SELECTEDMEASURE (),

DIVIDE (SELECTEDMEASURE (), COUNTROWS (DimDate))

)

Box 2: SELECTEDVALUE()

SELECTEDVALUE returns the value when the context for columnName has been filtered down to one distinct value only. Otherwise returns alternateResult.

Syntax:

SELECTEDVALUE(<columnName>[, <alternateResult>]) M1, M2, ... - A list of measures.

Reference: <https://docs.microsoft.com/en-us/dax/selectedmeasurename-function-dax> <https://docs.microsoft.com/en-us/dax/selectedvalue-function>

NEW QUESTION 48

- (Exam Topic 3)

You have a Power BI dataset that contains the following measure.

```
YTD Year-over-Year Var =
DIVIDE (
    (
        [Sales Amount]
        - CALCULATE (
            [Sales],
            SAMEPERIODLASTYEAR ( 'Calendar'[Date] ),
            'Calendar'[Flag] = "YTD"
        )
    ),
    CALCULATE (
        [Sales],
        SAMEPERIODLASTYEAR ( 'Calendar'[Date] ),
        'Calendar'[Flag] = "YTD"
    ),
    BLANK()
)
```

You need to improve the performance of the measure without affecting the logic or the results. What should you do?

- A. Replace both calculate functions by using a variable that contains the calculate function.
- B. Remove the alternative result of blank() from the divide function.
- C. Create a variable and replace the values for [sales Amount].
- D. Remove "calendar'[Flag] = "YTD" from the code.

Answer: A

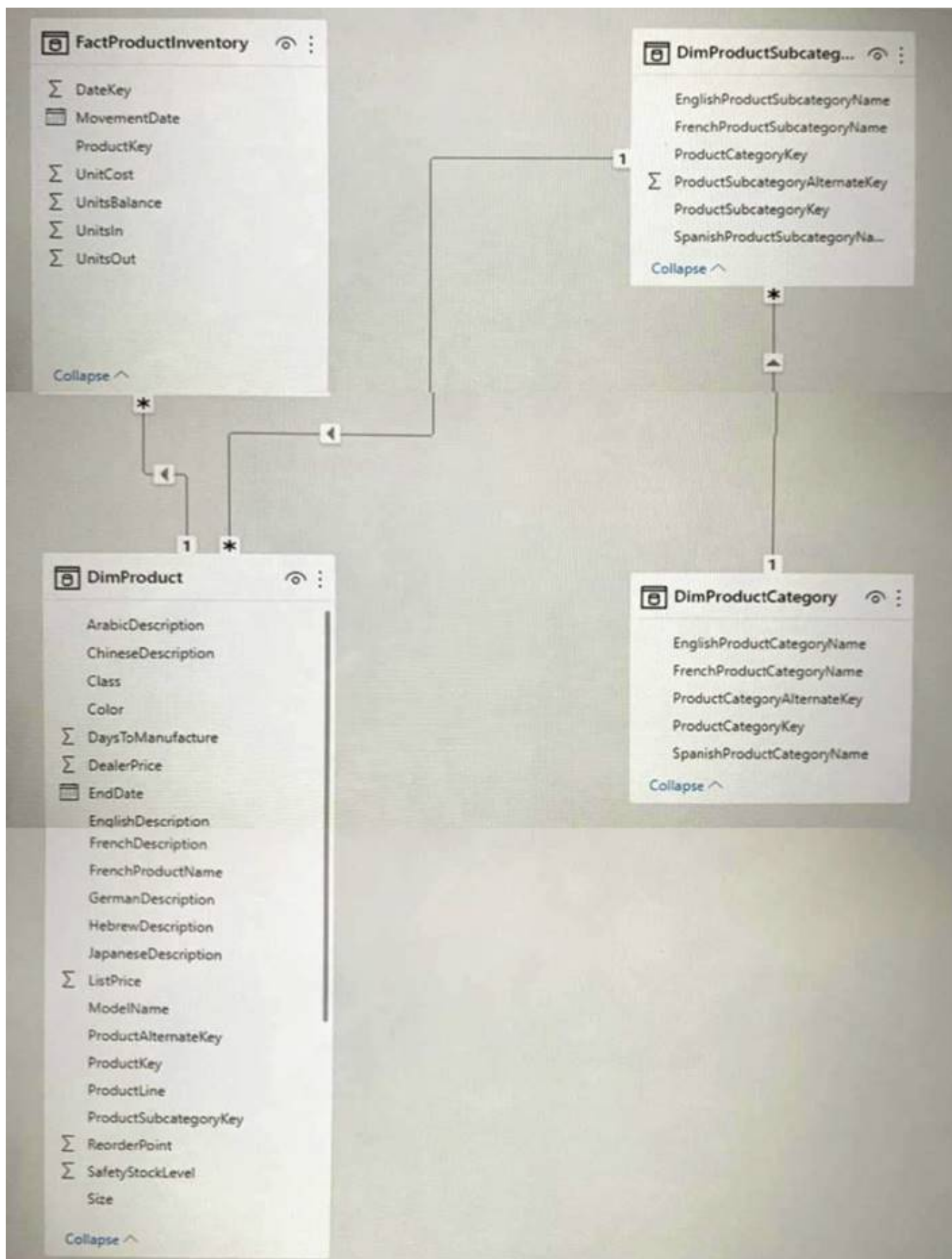
NEW QUESTION 50

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



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?

- A. Yes
- B. No

Answer: B

Explanation:

Instead denormalize For Performance.

Even though it might mean storing a bit of redundant data, schema denormalization can sometimes provide better query performance. The only question then becomes is the extra space used worth the performance benefit.

Reference: <https://www.mssqltips.com/sqlservertutorial/3211/denormalize-for-performance/>

NEW QUESTION 53

- (Exam Topic 3)

You are using a Python notebook in an Apache Spark pool in Azure Synapse Analytics. You need to present the data distribution statistics from a DataFrame in a tabular view. Which method should you invoke on the DataFrame?

- A. rollup
- B. cov
- C. explain
- D. describe

Answer: D

Explanation:

The aggregating statistic can be calculated for multiple columns at the same time with the describe function. Example:

```
titanic[["Age", "Fare"]].describe() Out[6]:
```

Age Fare

count 714.000000 891.000000

mean 29.699118 32.204208

std 14.526497 49.693429

min 0.420000 0.000000

25% 20.125000 7.910400

50% 28.000000 14.454200

75% 38.000000 31.000000

max 80.000000 512.329200

Reference: https://pandas.pydata.org/docs/getting_started/intro_tutorials/06_calculate_statistics.html

NEW QUESTION 55

- (Exam Topic 3)

You have a kiosk that displays a Power BI report page. The report uses a dataset that uses Import storage mode. You need to ensure that the report page updates all the visuals every 30 minutes. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Enable Power BI embedded.
- B. Configure the data sources to use DirectQuery.
- C. Configure the data sources to use a streaming dataset
- D. Select Auto page refresh.
- E. Enable the XMIA endpoint.
- F. Add a Microsoft Power Automate visual to the report page.

Answer: BD

Explanation:

Automatic page refresh in Power BI enables your active report page to query for new data, at a predefined cadence, for DirectQuery sources.

Automatic page refresh is available for DirectQuery sources and some LiveConnect scenarios, so it will only be available when you are connected to a supported data source. This restriction applies to both automatic page refresh types.

Reference: <https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-automatic-page-refresh>

NEW QUESTION 58

- (Exam Topic 3)

You are optimizing a dataflow in a Power BI Premium capacity. The dataflow performs multiple joins. You need to reduce the load time of the dataflow.

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

- A. Reduce the memory assigned to the dataflows.
- B. Execute non-foldable operations before foldable operations.
- C. Execute foldable operations before non-foldable operations.
- D. Place the ingestion operations and transformation operations in a single dataflow.
- E. Place the ingestion operations and transformation operations in separate dataflows.

Answer: CE

Explanation:

Using the compute engine to improve performance

Take the following steps to enable workloads trigger the compute engine, and always improve performance: For computed and linked entities in the same workspace:

Ensure you perform the operations that fold, such as merges, joins, conversion, and others.

For ingestion focus on getting the data into the storage as fast as possible, using filters only if they reduce the overall dataset size. It's best practice to keep your transformation logic separate from this step, and allow the engine to focus on the initial gathering of ingredients. Next, separate your transformation and business logic into a separate dataflow in the same workspace, using linked or computed entities; doing so allows for the engine to activate and accelerate your computations. In our analogy, it's like food preparation in the kitchen: food preparation is typically a separate and distinct step from gathering your raw ingredients, and a pre-requisite for putting the food in the oven. Similarly, your logic needs to be prepared separately before it can take advantage of the compute engine.

Reference:

<https://docs.microsoft.com/en-us/power-bi/transform-model/dataflows/dataflows-premium-workload-configurati>

NEW QUESTION 62

- (Exam Topic 3)

You have a sales report as shown in the following exhibit.



The sales report has the following characteristics: The measures are optimized.
The dataset uses import storage mode.
Data points, hierarchies, and fields cannot be removed or filtered from the report page. From powerbi.com, users experience slow load times when viewing the report.
You need to reduce how long it takes for the report to load without affecting the data displayed in the report. Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

- A. Change the report theme to monochromatic.
- B. Replace the single-value cards with a multi-row card.
- C. Replace the product category charts with a bar chart for sales and a hierarchy of Category and Sub Category on the axis.
- D. Replace all the filters on the Filters pane with visual slicers on the report page.

Answer: BC

NEW QUESTION 63

- (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 have a Power BI 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 DAX Studio, you write a query that uses grouping sets.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

A grouping is a set of discrete values that are used to group measure fields. Reference: <https://docs.microsoft.com/en-us/power-bi/developer/visuals/capabilities>

NEW QUESTION 64

- (Exam Topic 3)

You are optimizing a Power BI data model by using DAX Studio.

You need to capture the query events generated by a Power BI Desktop report. What should you use?

- A. the DMV list
- B. a Query Plan trace
- C. an All Queries trace
- D. a Server Timings trace

Answer: C

Explanation:

The All Queries trace in Dax Studio supports capturing the query events from all client tools (not just queries sent from DAX Studio like the Query Plan and Server Timings features do). The 'All Queries' trace is really useful when you wish to see the queries that are generated by a client tool like Power BI Desktop.

Reference: <https://daxstudio.org/documentation/features/all-queries-trace/>

NEW QUESTION 68

- (Exam Topic 3)

You are planning a Power BI solution for a customer.

The customer will have 200 Power BI users. The customer identifies the following requirements:

- Ensure that all the users can create paginated reports.
- Ensure that the users can create reports containing AI visuals.
- Provide autoscaling of the CPU resources during heavy usage spikes.

You need to recommend a Power BI solution for the customer. The solution must minimize costs. What should you recommend?

- A. Power BI Premium per user
- B. a Power BI Premium per capacity
- C. Power BI Pro per user
- D. Power BI Report Server

Answer: A

Explanation:

Announcing Power BI Premium Per User general availability and autoscale preview for Gen2. Power BI Premium per user features and capabilities

* Pixel perfect paginated reports are available for operational reporting capabilities based on SSRS technology. Users can create highly formatted reports in various formats such as PDF and PPT, which are embeddable in applications and are designed to be printed or shared.

* Automated machine learning (AutoML) in Power BI enables business users to build ML models to predict outcomes without having to write any code.

* Etc. Note:

Power BI empowers every business user and business analyst to get amazing insights with AI infused experiences. With Power BI Premium, we enable business analysts to not only analyze and visualize their data, but to also build an end-to-end data platform through drag and drop experiences. Everything from ingesting and transforming data at scale, to building automated machine learning models, and analyzing massive volumes of data is now possible for our millions of business analysts.

Reference:

<https://powerbi.microsoft.com/nl-be/blog/announcing-power-bi-premium-per-user-general-availability-and-auto>

NEW QUESTION 70

- (Exam Topic 3)

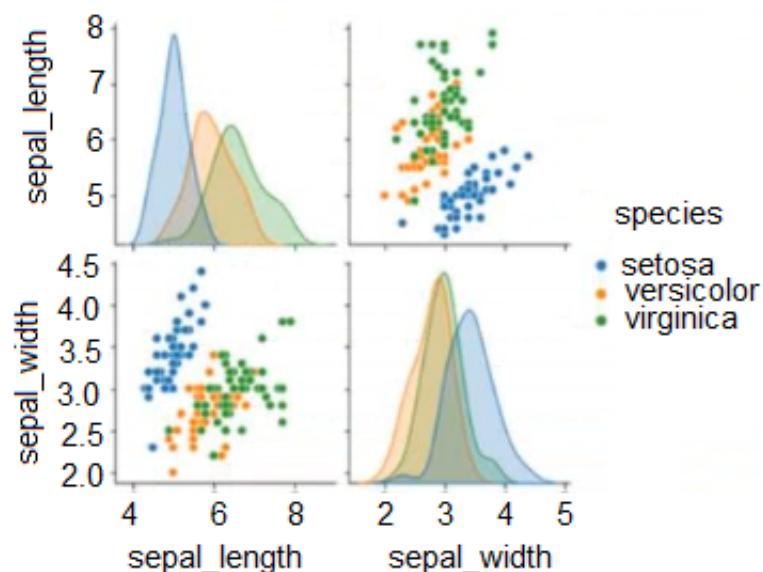
You are using an Azure Synapse notebook to create a Python visual. You run the following code cell to import a dataset named Iris.

```
iris = sns.load_dataset("iris")
iris.head()
```

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

index	sepal_length	sepal_width	species
0	5.1	3.5	setosa
2	4.9	3	setosa
145	6.7	3	virginica
156	6.3	2.5	virginica

You need to create the visual shown in the exhibit. (Click the Exhibit tab.)



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

Answer Area

```
sns.  (iris, hue= '', height=2.5)

plt.show()
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

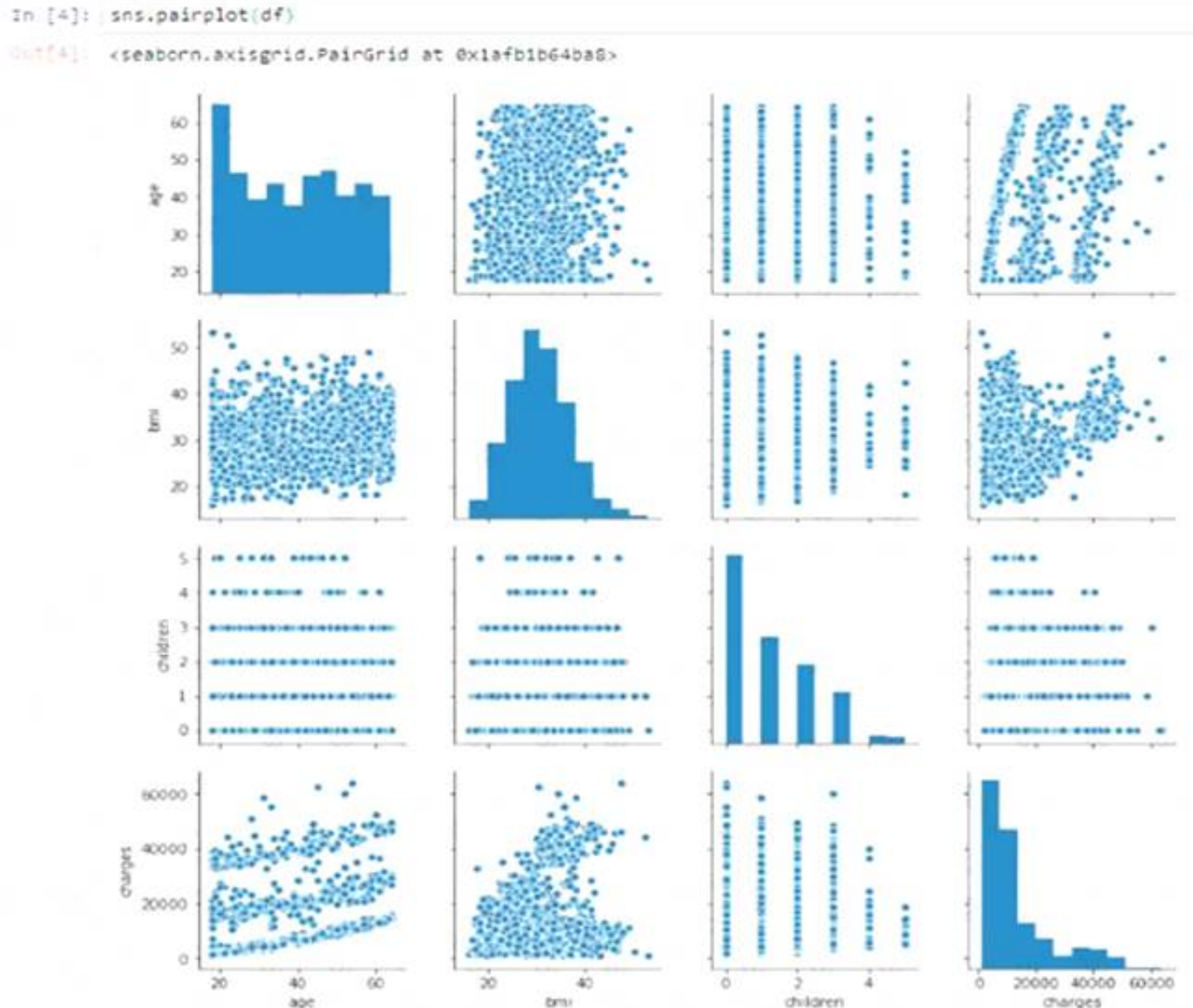
Box 1: pairplot

A pairs plot allows us to see both distribution of single variables and relationships between two variables. Pair plots are a great method to identify trends for follow-up analysis and, fortunately, are easily implemented in Python!

Example, let's plot data using pairplot:

From the picture below, we can observe the variations in each plot. The plots are in matrix format where the row name represents x axis and column name represents the y axis. The main-diagonal subplots are the univariate histograms (distributions) for each attribute.

A picture containing diagram Description automatically generated



Box 2: sepal_width

sepal_width is displayed with a height of 2.5 (between 2.0 and 4.5).

Reference: <https://medium.com/analytics-vidhya/pairplot-visualization-16325cd725e6>

NEW QUESTION 74

- (Exam Topic 3)

You are using a Python notebook in an Apache Spark pool in Azure Synapse Analytics. You need to present the data distribution statistics from a DataFrame in a tabular view. Which method should you invoke on the DataFrame?

- A. sample
- B. describe
- C. freqItems
- D. explain

Answer: B

Explanation:

pandas.DataFrame.describe

Descriptive statistics include those that summarize the central tendency, dispersion and shape of a dataset's distribution, excluding NaN values.

Analyzes both numeric and object series, as well as DataFrame column sets of mixed data types. The output will vary depending on what is provided.

Reference: <https://pandas.pydata.org/pandas-docs/stable/reference/api/pandas.DataFrame.describe.html>

NEW QUESTION 75

- (Exam Topic 2)

You need to recommend a solution for the customer workspaces to support the planned changes.

Which two configurations should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Set Use datasets across workspaces to Enabled
- B. Publish the financial data to the web.
- C. Grant the Build permission for the financial data to each customer.
- D. Configure the FinData workspace to use a Power BI Premium capacity.

Answer: AD

Explanation:

Build a new dataset in the FinData workspace by using data from the Synapse Analytics dedicated SQL pool. Provide all the customers with their own Power BI workspace to create their own reports. Each workspace will use the new dataset in the FinData workspace

Reference: <https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-admin-across-workspaces>

NEW QUESTION 77

- (Exam Topic 2)

You need to create Power BI 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

Create a perspective.

Enable bidirectional filtering.

Create a DAX expression.

Create row-level security (RLS) roles.

Add members to row-level security (RLS) roles.

>

<

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Create row-level security (RLS) roles Create roles

Note: Provide all the customers with their own Power BI workspace to create their own reports. Each workspace will use the new dataset in the FinData workspace.

Implement subscription levels for the customers. Each subscription level will provide access to specific rows of financial data.

Deploy prebuilt datasets to Power BI to simplify the query experience of the customers. Step 2: Create a DAX expression

Consider a model with two roles: The first role, named Workers, restricts access to all Payroll table rows by using the following rule expression: FALSE()

Note: A rule will return no table rows when its expression evaluates to false.

Yet, a second role, named Managers, allows access to all Payroll table rows by using the following rule expression:

TRUE()

Take care: Should a report user map to both roles, they'll see all Payroll table rows. Step 3: Add members to row-level security (RLS) roles

Configure role mappings

Once [the model is] published to Power BI, you must map members to dataset roles. Reference: <https://docs.microsoft.com/en-us/power-bi/guidance/rls-guidance>

NEW QUESTION 81

- (Exam Topic 2)

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.

Actions

Create an Apache Spark data source.

Merge columns.

Create a web data source.

Expand the attributes.

Publish the model.

>

<

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Create an Apache Spark data source.

Merge columns.

Create a web data source.

Expand the attributes.

Publish the model.

>

<

Answer Area

Create a web data source.

Expand the attributes.

Publish the model.

>

<

NEW QUESTION 85

- (Exam Topic 1)

You need to configure the Sales Analytics workspace to meet the ad hoc reporting requirements. What should you do?

- A. Grant the sales managers the Build permission for the existing Power BI datasets.
- B. Grant the sales managers admin access to the existing Power BI workspace.
- C. Create a deployment pipeline and grant the sales managers access to the pipeline.
- D. Create a PBIT file and distribute the file to the sales managers.

Answer: D

Explanation:

Allow sales managers to perform ad hoc sales reporting with minimal effort

Power BI report templates contain the following information from the report from which they were generated: Report pages, visuals, and other visual elements

The data model definition, including the schema, relationships, measures, and other model definition items All query definitions, such as queries, Query

Parameters, and other query elements

What is not included in templates is the report's data.

Report templates use the file extension .PBIT (compare to Power BI Desktop reports, which use the .PBIX extension).

Note: With Power BI Desktop, you can create compelling reports that share insights across your entire organization. With Power BI Desktop templates, you can streamline your work by creating a report template, based on an existing template, which you or other users in your organization can use as a starting point for a new report's layout, data model, and queries. Templates in Power BI Desktop help you jump-start and standardize report creation.

Reference: <https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-templates>

NEW QUESTION 88

- (Exam Topic 1)

You need to create the customized Power BI usage reporting. The Usage Metrics Report dataset has already been created. The solution must minimize development and administrative effort.

Which four 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:

Step 1: From powerbi.com, create a new report..

The company wants custom Power BI usage reporting that includes the percent change of users that view reports in the Sales Analytics workspace each month.

Step 2: Add a report measure

Measures are used in some of the most common data analyses. Simple summarizations such as sums, averages, minimum, maximum and counts can be set through the Fields well. The calculated results of measures are always changing in response to your interaction with your reports, allowing for fast and dynamic ad-hoc data exploration.

Step 3: Add visuals to the report

Step 4: Publish the report to the Sales Analytics workspace

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

NEW QUESTION 93

- (Exam Topic 1)

You need to recommend a solution to ensure that sensitivity labels are applied. The solution must minimize administrative effort.

Which three actions should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. From the Power BI Admin portal, set Allow users to apply sensitivity labels for Power BI content to Enabled.
- B. From the Power BI Admin portal, set Apply sensitivity labels from data sources to their data in Power BI to Enabled.
- C. In SQLD
- D. apply sensitivity labels to the columns in the Customer and CustomersWithProductScore tables.
- E. In the Power BI datasets, apply sensitivity labels to the columns in the Customer and CustomersWithProductScore tables.
- F. From the Power BI Admin portal, set Make certified content discoverable to Enabled.

Answer: ADE

Explanation:

A Synapse Analytics dedicated SQL pool is named SQLDW.

Customer contact data in SQLDW and the Power BI dataset must be labeled as Sensitive. Records must be kept of any users that use the sensitive data.

A (not B): Enable sensitivity labels

Sensitivity labels must be enabled on the tenant before they can be used in both the service and in Desktop.

To enable sensitivity labels on the tenant, go to the Power BI Admin portal, open the Tenant settings pane, and find the Information protection section.

In the Information Protection section, perform the following steps:

- Open Allow users to apply sensitivity labels for Power BI content.
- Enable the toggle.

D (not C): When data protection is enabled on your tenant, sensitivity labels appear in the sensitivity column in the list view of dashboards, reports, datasets, and dataflows.

E: Power BI Tenant Discovery Setting include Make certified content discoverable.

Reference: <https://docs.microsoft.com/en-us/power-bi/enterprise/service-security-enable-data-sensitivity-labels> <https://docs.microsoft.com/en-us/power-bi/enterprise/service-security-apply-data-sensitivity-labels> <https://support.nhs.net/knowledge-base/power-bi-guidance/>

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