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Question 1

Question Type: MultipleChoice

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.

From Power Query Editor, you profile the data shown in the following exhibit.

	IoT GUID	IoT DateTime	IoT ID
	Valid 100%	Valid 100%	Valid 100%
	Error 0%	Error 0%	Error 0%
	Empty 0%	Empty 0%	Empty 0%
1	48196321-38D9-EC11-8B3D-0022489A2...	21/05/2022 18:59:25	100001000
2	49196321-38D9-EC11-8B3D-0022489A2...	21/05/2022 18:59:26	100001001
3	0300C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001002
4	0400C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001003
5	0500C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001004
6	0600C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001005

The IoT GUID and IoT ID columns are unique to each row in query.

You need to analyze IoT events by the hour and day of the year. The solution must improve dataset performance.

Solution: You remove the IoT GUID column and retain the IoT ID column.

Does this meet the goal?

Options:

A- Yes

B- No

Answer:

A

Question 2

Question Type: MultipleChoice

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.

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4	0400C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001003
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6	0600C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001005

The IoT GUID and IoT ID columns are unique to each row in query.

You need to analyze IoT events by the hour and day of the year. The solution must improve dataset performance.

Solution: You split the IoT DateTime column into a column named Date and a column named Time.

Does this meet the goal?

Options:

A- Yes

B- No

Answer:

B

Question 3

Question Type: MultipleChoice

What should you do to address the existing environment data concerns?

Options:

A- a calculated column that uses the following formula: `ABS(Sales[sales_amount])`

B- a measure that uses the following formula: `SUMX(FILTER('Sales', 'Sales'[sales_amount] > 0)),[sales_amount])`

C- a measure that uses the following formula: `SUM(Sales[sales_amount])`

D- a calculated column that uses the following formula: `IF(ISBLANK(Sales[sales_amount]),0, (Sales[sales_amount]))`

Answer:

B

Question 4

Question Type: DragDrop

In Power Query Editor, you have three queries named ProductCategory, ProductSubCategory, and Product.

Every Product has a ProductSubCategory.

Not every ProductSubCategory has a parent ProductCategory.

You need to merge the three queries into a single query. The solution must ensure the best performance in Power Query.

How should you merge the tables? To answer, drag the appropriate merge types to the correct queries. Each merge type 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.

Join kinds
Full outer
Answer:

Inner

Left anti

Left outer

Right anti

Right outer

Answer Area

Left Table	Right Table	Join Kind
Product	ProductSubCategory	Join kind
ProductSubCategory	ProductCategory	Join kind

Question 5

Question Type: Hotspot

You have a report in Power BI Desktop.

You add a key influencers visual as shown in the exhibit. (Click the Exhibit tab.)

Key influencers Top segments

What influences Attrition to Increase ?

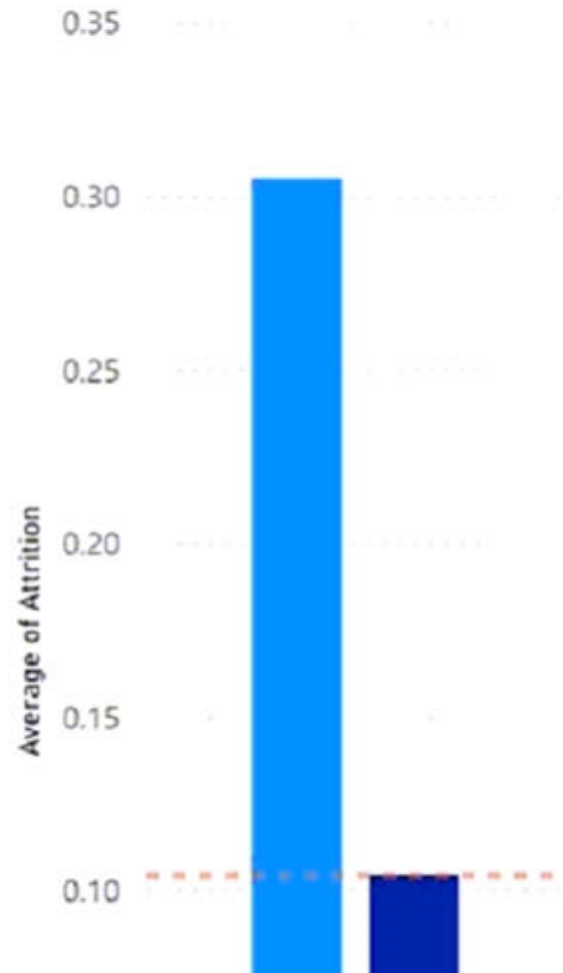
When...

...the average of Attrition increases by

OverTime is Yes



← Attrition is more likely to increase when OverTime is Yes than otherwise (on average).



Visualizations

Filters

Analyze

Attrition

Explain by

- Age
- BusinessTravel
- DailyRate
- Department
- DistanceFromHome
- Education
- JobSatisfaction
- OverTime

Expand by

Add data fields here

Drill through

Cross-report

Off

Keep all filters

On

Add drill-through fields here

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

Identifying additional factors that increase attrition can be achieved by [answer choice].
Answer:

- turning on Cross-report
- adding more fields to Explain by
- adding more fields to Expand by
- moving fields from Explain by to Expa

Question 6

Question Type: MultipleChoice

Employee attrition is [answer choice] times greater when employees work overtime.

You have a CSV file that contains user complaints. The file contains a column named Logged. Logged contains the date and time each complaint occurred. The data in Logged is in the following format: 2018-12-31 at 08:59.

You need to be able to analyze the complaints by the logged date and use a built-in date hierarchy.

What should you do?

- 0.11
- .2
- 1
- 3

Options:

A- Apply a transformation to extract the last 11 characters of the Logged column and set the data type of the new column to Date.

- B-** Change the data type of the Logged column to Date.
- C-** Split the Logged column by using at as the delimiter.
- D-** Apply a transformation to extract the first 11 characters of the Logged column.

Answer:

C

Explanation:

Simply create a custom table in Power Query, enter the date shown in the question into a column called Date, and then Split it by a delimiter. No need for spaces on either side of 'at' Power BI takes care of the rest:

```
= Table.SplitColumn('#Changed Type', 'Date', Splitter.SplitTextByDelimiter('at', QuoteStyle.Csv), {'Date.1', 'Date.2'})
```

It will even automatically change the type to Date:

```
= Table.TransformColumnTypes('#Split Column by Delimiter',{{'Date.1', type date}, {'Date.2', type time}})
```

Question 7

Question Type: MultipleChoice

You are creating a report in Power BI Desktop.

You load a data extract that includes a free text field named coll.

You need to analyze the frequency distribution of the string lengths in col1. The solution must not affect the size of the model.

What should you do?

Options:

- A- In the report, add a DAX calculated column that calculates the length of col1
- B- In the report, add a DAX function that calculates the average length of col1
- C- From Power Query Editor, add a column that calculates the length of col1
- D- From Power Query Editor, change the distribution for the Column profile to group by length for col1

Answer:

A

Explanation:

From Power Query.. highlight the column.. from the tab view select Column Profile Option.. in the Value distribution section that appears below, from the 3dots.. you can change to group by text length distribution

Question 8

Question Type: MultipleChoice

A manager can represent only a single country.

You need to use row-level security (RLS) to meet the following requirements:

The managers must only see the data of their respective country.

The number of RLS roles must be minimized.

Which two actions should you perform? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

Options:

A- Create a single role that filters Country[Manager_Email] by using the USERNAME DAX function.

B- Create a single role that filters Country[Manager_Email] by using the USEROBJECTID DAX function.

- C-** For the relationship between Purchase Detail and Purchase, select Apply security filter in both directions.
- D-** Create one role for each country.
- E-** For the relationship between Purchase and Purchase Detail, change the Cross filter direction to Single.

Answer:

A, C

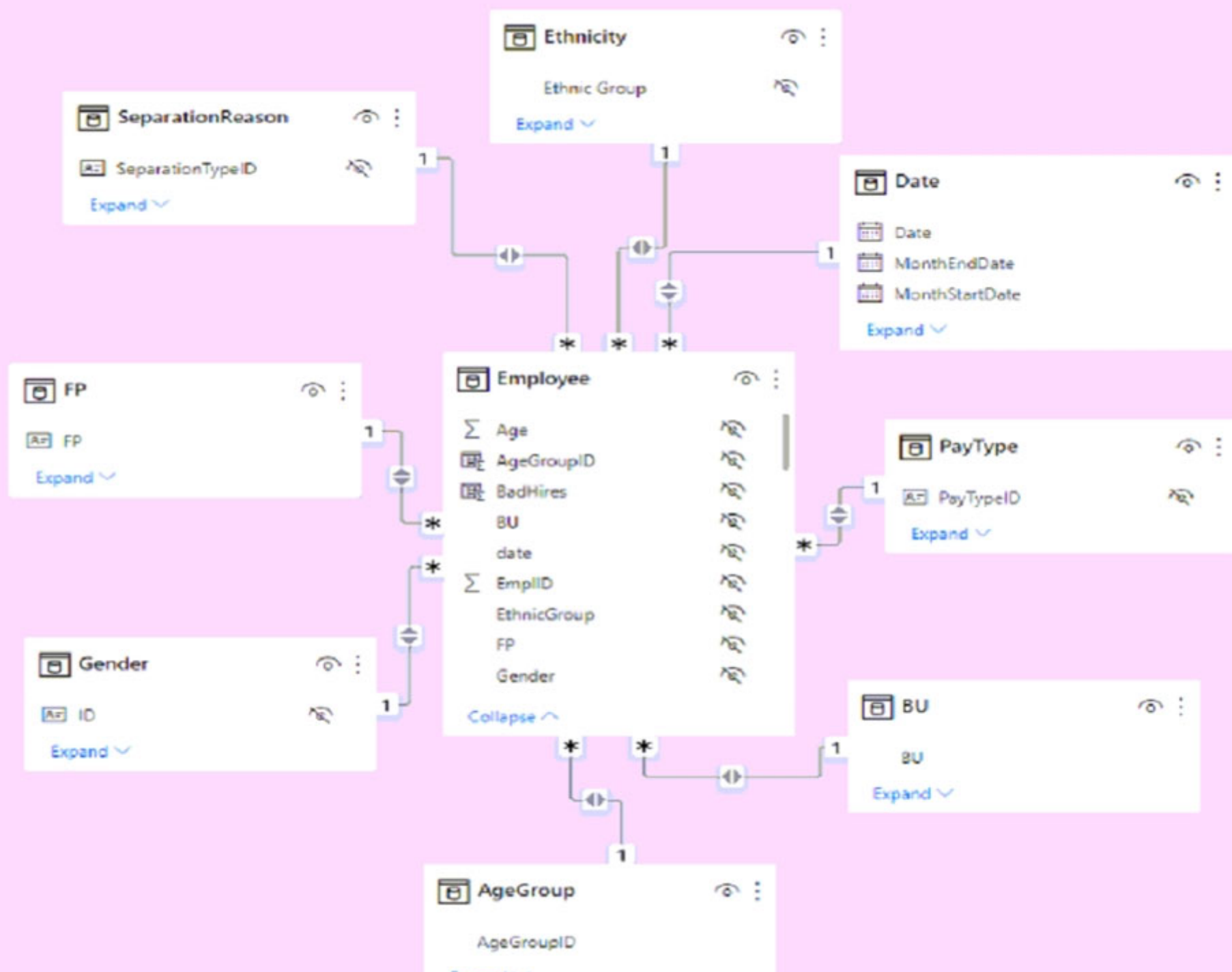
Explanation:

In Power BI Service the username and userprincipalname both return the email address, it's only in Power BI Desktop that username is domain/username rather than the email address. So I agree that userprincipalname is better generally as you always get the same value, the answer is correct and you can use username as your RLS since the role will be applied in the Service. See <https://community.powerbi.com/t5/Community-Blog/USERNAME-v-s-USERPRINCIPALNAME-in-RLS-for-Power-BI-Embedded/ba-p/1867670> for more information.

Question 9

Question Type: Hotspot

You have a Power BI imported dataset that contains the data model shown in the following exhibit.



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

NOTE: Each correct selection is worth one point.

Answer Area

Changing the [answer choke] setting of the relationships will improve report query performance.

Answer:

	▼
Cardinality	
Cross filter direction	
Assume Referential Integrity	

Question 10

Question Type: MultipleChoice

The data model is organized into a [answer choice].

You need to create a Power BI theme that will be used in multiple reports. The theme will include corporate branding for font size, color, and bar chart formatting.

What should you do?

	▼
star schema	
snowflake schema	
denormalized table	

Options:

- A- Create a theme as a PBIVIZ file and import the theme into Power BI Desktop.
- B- Create a theme as a JSON file and import the theme into Power BI Desktop.

C- From Power BI Desktop, use a built-in report theme.

D- From Power BI Desktop, customize the current theme.

Answer:

D

Question 11

Question Type: MultipleChoice

You have a Power BI report that contains five pages.

Pages 1 to 4 are visible and page 5 is hidden.

You need to create a solution that will enable users to quickly navigate from the first page to all the other visible pages. The solution must minimize development and maintenance effort as pages are added to the report.

What should you do first?

Options:

- A- Add a blank button to page 1.
- B- Add a bookmark navigation button to page 1.
- C- Create a bookmark for each page.
- D- Add a page navigation button to page 1.

Answer:

C

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