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| Question 1 |
| **Question**:   * The fields pane in Power BI Desktop contains which of the following?   **Choices**:   1. Filters 2. Visualizations 3. Tables and Columns 4. Relationships   **Answer**:   * Answer: A   **Explanation if choosing A:**   * Incorrect, filters are located in the visualizations pane.   **Explanation if choosing B:**   * Incorrect, visualizations are located in their own separate pane to the right of the fields pane.   **Explanation if choosing D:**   * Incorrect, relationships are access through the relationship view, or using the manage relationships button on the top ribbon. |
| Question 2 |
| **Question**:   * When writing a DAX formula which is required when writing a SUM() function?   **Choices**:   1. SUM( Sales ) 2. SUM( Sales[SalesAmount] ) 3. SUM[ Sales[SalesAmount] ] 4. SUM( [SalesAmount] )   **Answer**:   * Answer: B   **Explanation if selecting A:**   * Incorrect, the SUM function requires both a table and column reference. Such as seen in example B.   **Explanation if selecting C:**   * Incorrect, any function needs to start and end with a rounded parenthesis (). Such as seen in example B.   **Explanation if selecting D:**   * Incorrect, while this calculation may work. It's widely considered best practice to include both the table and column name. As seen in example B. |
| Question 3 |
| **Question**:   * TRUE/FALSE: DAX measures have the ability to references other existing DAX measures inside the formula.   **Choices**:  TRUE  FALSE  **Answer**:   * Answer: TRUE   **Explanation if selecting FALSE:**   * Part of what makes DAX a powerful aggregation language is its ability to call upon other existing DAX measures, and build upon them. |
| Question 4 |
| **Question**:   * Which of the following tools does not use DAX as aggregation language   **Choices**:   1. Power BI 2. Tableau 3. Microsoft Excel 4. SQL Server Analysis Services (SSAS)   **Answer**:   * Answer: B   **Explanation if selecting A**:   * Incorrect, Power BI is one of the Microsoft tools that contains the DAX language.   **Explanation if selecting C**:   * Incorrect, Excel is one of the Microsoft tools that contains the DAX language.   **Explanation if selecting D**:   * Incorrect, SQL Server Analysis Services (SSAS) is one of the Microsoft tools that contains the DAX language. |
| Question 4 |
| **Question**:   * What are the two primary table types that can exist in a data model?   **Choices**:   1. Data Table 2. Hierarchy Table 3. Lookup Table 4. Relationship Table   **Answer**:   * Answer: A, C   **Explanation if selecting B**:   * Incorrect, a hierarchy is something that can exist inside of a table, but is not a table itself. We'll learn more about hierarchies and creating them in a later video.   **Explanation if selecting D:**   * Incorrect, relationships are connections that exist between tables in the data model. We'll learn how relationships and creating them in a later video. |
| Question 5 |
| **Question**:   * TRUE/FALSE: The DAX Quick Measures tool is a great way to add a bunch of advanced measures into the model for your clients or end users to use.   **Choices**: TRUE  FALSE  **Answer**:   * FALSE   **Explanation if selecting TRUE**:   * Incorrect. While the quick measures tool is a great resource for simple calculations, and to see what the capabilities of DAX are. It's risky to use it to create a calculation beyond your capabilities, and then deliver to users. Because if it breaks it is important to know how to fix it. |