# Quiz 4 - Data Analytics with Tableau

Total points 10/15 ?

APSCHE LT Phase 2 (6 Mar 24)

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0 of 0 points

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**Quiz Begins**                                    10 of 15 points

✕ 1) What is the purpose of parameters in Tableau? *          0/1

○ a) To define custom territories

◉ b) To perform complex calculations          ✕

○ c) To customize the appearance of charts

○ d) To filter data dynamically

Correct answer

◉ d) To filter data dynamically

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✓ 2) What is the purpose of reference lines in Tableau? *          1/1

○ a) To add annotations to charts

○ b) To highlight specific data points

◉ c) To display average or target values          ✓

○ d) To adjust chart axis scales

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✓ 3) What does K-means cluster analysis do in Tableau? *          1/1

○ a) Identifies trends in data over time

◉ b) Segments data into groups based on similarities          ✓

○ c) Creates custom map territories

○ d) Forecasts future values with confidence intervals

**4) What do trend lines in Tableau visualize?** * ✓ 1/1

○ a) Overall data distribution

● b) Data trends over time ✓

○ c) Individual data points

○ d) Filtered data subsets

**5) What is the initial step in creating a map project in Tableau?** * ✓ 1/1

○ a) Importing data from Excel

● b) Connecting to a geographic data source ✓

○ c) Selecting a map template

○ d) Drawing custom territories

**6) What is the purpose of using LOD expressions in Tableau?** * ✓ 1/1

○ a) To create calculated fields that are dependent on the visualization type

○ b) To simplify data connections

● c) To perform calculations at different levels of granularity than the visualization ✓

○ d) To limit access to certain data sources

✓ 7) Which feature in Tableau is used to visualize data trends over time? *     1/1

⦿ a) Trend lines ✓

◯ b) Reference lines

◯ c) Forecasting

◯ d) K-means cluster analysis

✓ 8) When creating a parameter in Tableau, what can it be used to control? *   1/1

◯ a) The data source used in the workbook.

◯ b) The specific calculations used in the analysis.

◯ c) The appearance of visual elements like color or font size.

⦿ d) All of the above. ✓

✓ 9) In Tableau, how can you create a map showing sales by state? *     1/1

◯ a) Use the "Show Me" option and select "Map."

◯ b) Drag the "State" field to the Marks card and choose "Map" as the mark type.

◯ c) Drag the "Latitude" and "Longitude" fields to the Marks card and choose "Map" as the mark type.

⦿ d) Both b and c are correct. ✓

**✗ 10) Which of the following statements is NOT true about reference lines and bands in Tableau?** *0/1

○ a) They can be used to visualize target values, benchmarks, or thresholds.    ✗

○ b) Confidence intervals can be displayed around a reference line to illustrate uncertainty.

○ c) They can only be added to visualizations with a single measure.

○ d) Both a and b are true.

Correct answer

⦿ c) They can only be added to visualizations with a single measure.

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**✗ 11) How can you create a dashboard in Tableau? *** 0/1

⦿ a) Drag and drop visualizations and sheets onto a new dashboard layout.    ✗

○ b) Select the "Dashboard" option from the "New" menu.

○ c) Both a and b are correct.

○ d) Neither a nor b is correct.

Correct answer

⦿ c) Both a and b are correct.

✗ 12) When creating a map in Tableau, what option allows you to display different data points with different colors based on a specific field? *0/1

○ a) Marks card

◉ b) Color legend ✗

○ c) Dual axis

○ d) Detail card

Correct answer

◉ a) Marks card

✓ 13) How can you create a parameter that allows users to choose from a list of specific values? *1/1

○ a) Use a string parameter and define the allowed values in the parameter settings.

○ b) Use a set parameter and assign the list of values to the set.

◉ c) Use a calculated field to define the list of values and reference it in the parameter. ✓

○ d) Parameters cannot be used to restrict user selection to specific values.

✓ 14) What is the primary purpose of adding a reference line to a Tableau visualization? *1/1

○ a) To highlight specific data points

○ b) To represent a constant value

◉ c) To compare data points to a specific target or benchmark ✓

○ d) To group similar data points together

✗ 15) Which of the following LOD expressions in Tableau is used to compute a value without considering the dimensions used in the visualization? *0/1

○ a) INCLUDE

○ b) EXCLUDE

● c) FIXED ✗

○ d) AGGREGATE

Correct answer

● b) EXCLUDE

## APSCHE P2 Long Term Virtual Internship Feedback          0 of 0 points

Choose Your Track *

● Data Analytics with Tableau

Please rate your overall satisfaction with the Training *

○ Very satisfied

○ Satisfied

○ Neutral

○ Dissatisfied

● Very dissatisfied

Did the Training met your expectations? *

○ Exceeds expectations

◉ Meets expectations

○ Below expectations

The presenters were knowledgeable. (on a scale of 1 to 5 with 1 being low and 5 * being the high)

|  | 1 | 2 | 3 | 4 | 5 |  |
|---|---|---|---|---|---|---|
| Low | ○ | ○ | ○ | ○ | ◉ | High |

The quality of the trainer was good. *

|  | 1 | 2 | 3 | 4 | 5 |  |
|---|---|---|---|---|---|---|
| Unacceptable | ○ | ○ | ○ | ○ | ◉ | Outstanding |

The presentations were interesting and practical. *

|  | 1 | 2 | 3 | 4 | 5 |  |
|---|---|---|---|---|---|---|
| Poor | ○ | ○ | ○ | ○ | ◉ | Excellent |

## The presenters met the training objectives. *

|  | 1 | 2 | 3 | 4 | 5 |  |
|------|---|---|---|---|---|------|
| Poor | ○ | ○ | ○ | ○ | ◉ | Excellent |

## Let us know if you have any specific concerns *

No

Google Forms