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1. True or False?

1 / 1 point

The term *wrangling* refers to the process of transforming and mapping raw data into a more useful format for analysis purposes.

- ☒ True
☐ False

✔ Correct

Wrangling is the process by which you transform and map raw data into a more useful format for analysis. It can involve writing code to capture, filter, clean, combine, and aggregate data from many sources.

2. The process of taking data in its raw form, cleaning the data, and then converting it into a more meaningful format such as tables, graphs, documents, etc. is referred to by which of the following terms?

1 / 1 point

- ☐ Data Manipulation
☒ Data Processing
☐ Data Ingestion

✔ Correct

Data processing occurs after the data has been ingested and collected. Data processing takes the data in its raw form, cleans it, and converts it into a more meaningful format (tables, graphs, documents, and so on)

3. As part of data processing, two approaches can be undertaken. What is the process of retrieving the raw data and transforming it referred to as?

1 / 1 point

- ☒ ETL
☐ ELT

✔ Correct

ETL stands for Extract, Transform, and Load. The raw data is retrieved and transformed before being saved.

4. Which of the following analytics helps answer questions about what has happened based on historical data?

0 / 1 point

- ☐ Descriptive analytics
☐ Diagnostic analytics
☒ Predictive analytics

✘ Incorrect

Predictive analytics helps answer questions about what will happen in the future.

5. Which one of the following visuals displays a tabular structure that summarizes data?

1 / 1 point

- ☒ Matrix chart
☐ Key influencers chart
☐ Bar and Column chart

✔ Correct

A matrix visual is a tabular structure that summarizes data. Often, report designers include matrixes in reports and dashboards to allow users to select one or more elements (rows, columns, cells) in the matrix to cross-highlight other visuals on a report page.

6. Which one of the following visuals can be used to display how a value differs in proportion across a geography or region?

1 / 1 point

or region.

- ☒ Filled map
- ☐ A dot plot chart
- ☐ Treemap

✔ **Correct**

If you have geographical data, you can use a filled map to display how a value differs in proportion across a geography or region.

7. Which one of the following visuals displays the major contributors to a selected result or value?

1 / 1 point

- ☐ Line charts
- ☐ Scatter chart
- ☒ Key influencers chart

✔ **Correct**

A key influencers chart displays the major contributors to a selected result or value. Key influencers are a great choice to help you understand the factors that influence a key metric. For example, what influences customers to place a second order or why sales were so high last June.