

C1_W4 quiz

1/ **Mean**, or the mathematical average, is one of the common measures of Central Tendency.

2/ What technique is used to help identify the nature of the **relationship between two variables**?

☒ **Regression** → Regression is a technique that helps identify the nature of the relationship between two variables, **which could be causal or correlational**.

☐ Classification

☐ Anomaly Detection

☐ Clustering

3/ What Python libraries are commonly used for data mining? → **Pandas, NumPy**

4/ **Statistics** is the branch of mathematics that deals with the collection, analysis, interpretation, and presentation of numerical or quantitative data.

5/ **Data Mining** is the process of **extracting knowledge** from data.

6/ Calculating mean, median, and mode **are not** data mining operations.

7/ **Median** is the **middle value** of a data field in a data set.

8/ A **trend** is the **general tendency** of a set of data to change over time.

9/ R has libraries explicitly built for data mining operations such as classification of data.

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