

Single Choice

Easy

⚠ Report

Solutions

Median

Mode

Mean

Correct Answer

Range

Q1. Descriptive Statistics

Which of the following is the arithmetic average of all data points?

Single Choice

Easy

Report

Solutions

8

Incorrect Answer

12

Correct Answer

14

10

Q2. Descriptive Statistics

What is the median of the dataset: [5, 8, 12, 14, 18]?

Single Choice

Medium

Q3. Descriptive Statistics

In the dataset [2, 4, 4, 6, 7, 7, 7, 9], what is the mode?

⚠ Report

Solutions

4

6

7

Correct Answer

9

Single Choice

Medium

▲ Report

Solutions

Mean

Median

Correct Answer

Mode

Standard Deviation

Q4. Descriptive Statistics

Which measure of central tendency is best to use when a dataset has extreme outliers?

Single Choice

Medium

Q5. Descriptive Statistics

Find the range of the dataset [12, 15, 22, 28, 35].

⚠ Report

Solutions

23

Correct Answer

13

22

12

Single Choice

Hard

Report

Solutions

4.67

2.67

Correct Answer

6

3

Q6. Descriptive Statistics

If the dataset is [2, 4, 6], what is the variance?

Single Choice

Medium

⚠ Report

Solutions

5

Incorrect Answer

25

$\sqrt{25}$

Both A and C

Correct Answer

Q7. Descriptive Statistics

If the variance of a dataset is 25, what is the standard deviation?

Single Choice

Hard

▲ Report

Solutions

Stock is more stable

Stock is less volatile

Stock is more volatile

Correct Answer

Stock has a higher mean

Q8. Descriptive Statistics

A stock price dataset has high variance compared to another. What does it indicate?

Single Choice

Hard

⚠ Report

Solutions

- It is the square root of variance.
- It is expressed in the same units as the data.
- It measures dispersion from the mean.
- It can be negative.

Correct Answer

Single Choice

Hard

⚠ Report

Solutions

45 to 55

Correct Answer

40 to 60

35 to 65

50 to 68

Q10. Descriptive Statistics

For a dataset with mean = 50 and standard deviation = 5, which range will approximately contain 68% of the data if the data is normally distributed?