

How Much Do you Remember - STATISTICS

This quiz consists of 10 questions to test the statistics knowledge you have gained so far in the course

Please indicate your slack handle to receive your scores

Your answer

In descriptive statistics our main objective is to:

- ☐ Describe the population
- ☐ Compute an average
- ☐ Describe the data we collected
- ☐ Infer something about the population

Which of the following statements is true regarding a sample?

- ☐ It refers to descriptive statistics
- ☐ It is a part of population
- ☐ It must contain at least five observations
- ☐ All of the above are correct



Which of the following statements is true regarding a population?

- ☐ It must be a large number of values
- ☐ It is a collection of individuals, objects, or measurements
- ☐ It must refer to people
- ☐ None of the above

What is the mean, median, mode, and range of the following? 90, 67, 78, 34, 23, 45, 78, 89, 88 (Separate the answers with commas respectively)

Your answer

Which symbol shows the sum of the data divided by the number of pieces of data?

- ☐ s
- ☐ μ
- ☐ \bar{x}
- ☐ σ

The final exam scores were approximately normally distributed with a mean of 112 points and a standard deviation of 10 points. One student had a score of 58 points. What is the standardized score on the final exam

Your answer



What is the sample standard deviation for the data given:{12, 13, 29, 18, 61, 35, 21}

Your answer

In the formula of sample variance, the $\sum(x-\bar{x})^2$ is called

- ☐ total sum of squares
- ☐ total differences of squares
- ☐ multiplier of deviation
- ☐ divisor of mean deviation

The number of emergency cases in hospital for five days is: 12, 15, 18, 16, 14 then the variance of sample is?

- ☐ 5
- ☐ 20
- ☐ 4
- ☐ 15

When would there be an advantage to using the median instead of the mean when computing the measure of central tendency of a particular data set?

- ☐ When the data set is open-ended.
- ☐ When the data set has an extremely high data value (as compared to other values in the set)
- ☐ When you must determine whether a data value falls into the upper or lower half of the distribution.
- ☐ All of the above



Submit

Never submit passwords through Google Forms.

This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)

Google Forms

