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Required Quiz 1.1: Week 1 Quiz

Due Sep 19 at 11:59pm Points 20 Questions 20
 Available Sep 6 at 12am - Sep 19 at 11:59pm Time Limit 30 Minutes

Submission Details:

Time: 8 minutes
 Current Score: 20 out of 20
 Kept Score: 20 out of 20

Instructions



⌚ Learning Outcome Addressed

- 1. Organise, manage and present data.

It is now time to assess your understanding of the concepts covered so far in this module.

Quiz Instructions

- The time limit for this quiz is 30 mins. Kindly complete and submit this quiz within this time.
- You have only one attempt to answer the quiz.
- All quiz attempts must be attempted by **Friday, September 19, 2025, by 11:59PM IST**.

Note: This is a graded quiz and counts towards programme completion.

This quiz was locked Sep 19 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	8 minutes	20 out of 20

Score for this quiz: 20 out of 20

Submitted Sep 18 at 9:46pm

This attempt took 8 minutes.

Question 1 1 / 1 pts

Descriptive statistics primarily involves:

Classifying data into categories
 Testing hypotheses
 Summarizing and describing data
 Making predictions about future data

Correct!

That's correct!

Question 2 1 / 1 pts

Which of the following is considered personal data?

The time you spend on a website
 Your email ID

Correct!

The number of clicks on an advertisement

Your browsing history

That's correct!

Question 3

1 / 1 pts

What can be a major cause of anxiety for students learning statistics?

Familiarity with the subject matter.

The lack of resources and textbooks.

Perceived difficulty and abstract concepts.

The simplicity of the course material.

That's correct!

Correct!

Question 4

1 / 1 pts

What is the best definition of data in a statistical context?

Guesses and estimates about a subject

Theoretical concepts and ideas

Random information without any structure

Facts and figures collected for presentation and interpretation

That's correct!

Correct!

Question 5

1 / 1 pts

How does data become information in the context of decision making?

By collecting raw data without analysis

By organizing and analyzing data to extract meaningful insights

By guessing outcomes based on data

By discarding irrelevant data

That's correct!

Correct!

Question 6

1 / 1 pts

Statistics is a branch of mathematics that deals with _____ data

Logical

Correct!

Complicated

Population

Sample data

That's correct!

Question 7

1 / 1 pts

Which branch of statistics is concerned with making inferences about a population based on sample data?

Descriptive

Inferential

Segmentation and Classification

Predictive

That's correct!

Question 8

1 / 1 pts

An example of summarizing numeric data is:

Organizing employee heights in a table

Drawing a bar chart for categorical data

Sorting data alphabetically

Taking the mean of marks scored in a semester

That's correct!

Question 9

1 / 1 pts

What does relative frequency represent in statistics?

Correct!

The fraction or proportion of the total number of items belonging to a class

The total number of items in a class

The percentage of items in a class relative to the total population

The cumulative sum of frequencies

That's correct!

Question 10

1 / 1 pts

Question 10

What is meant by the 'de-emphasis of statistics' in a teaching context?

- Increasing the difficulty of statistical problems.
- Reducing the number of statistics courses offered.
- Focusing less on complex statistical formulas and more on practical application.
- Ignoring statistics entirely in the curriculum.

Correct!

That's correct!

Question 11

1 / 1 pts

Statistics involves techniques for:

- All of the options
- Testing hypotheses to draw meaningful conclusions
- Making inferences or predictions about populations based on sample data
- Summarizing and describing data

Correct!

That's correct!

Question 12

1 / 1 pts

Which of the following is a measure of dispersion?

- Median
- Mode
- Mean
- Mean Deviation

Correct!**Question 13**

1 / 1 pts

Continuous numerical data is characterized by:

- Only whole numbers
- Infinitely uncountable values within an interval
- Countable distinct values
- Data that cannot be measured

Correct!

That's correct!

Question 14

1 / 1 pts

Given the following class intervals in an exclusive classification system: 10-20, 20-30, 30-40, in which class interval would the value 20 be included?

 10-20 None of the above 20-30 30-40**Correct!**
That's correct!**Question 15**

1 / 1 pts

Which of the following is an example of time series data?

 Annual income of 100 employees recorded in 2020 Monthly sales of cars at a dealership in 2010 Survey responses of a group of people taken in a single month The height of students measured on the same day**Correct!**
That's correct!**Question 16**

1 / 1 pts

How does statistics help in formulating and analyzing managerial problems?

 By focusing on irrelevant details. By offering quantitative insights for decision-making. By providing qualitative data only. By eliminating the need for data collection.**Correct!**
That's correct!**Question 17**

1 / 1 pts

With categorical data, we typically use:

 Measures of dispersion Charts, graphs, and tables Complex statistical models**Correct!**

Measures of central tendency

That's correct!

Question 18

1 / 1 pts

Predictive statistics is used for:

- Describing past data
- Predicting future trends based on current data
- Testing historical hypotheses
- Organizing data into charts

That's correct!

Correct!

Question 19

1 / 1 pts

In a survey, the absolute frequency of respondents who prefer Product A is 150, while 200 respondents prefer Product B. What is the absolute frequency of respondents who prefer Product B?

- 50
- 150
- 200
- 350

That's correct!

Correct!

Question 20

1 / 1 pts

Which of the following statements best describes a sample?

- A method of organizing collected data
- The entire group of items of interest to a statistics practitioner
- A set of data drawn from the population
- A theoretical concept not used in practical statistics

That's correct!

Correct!

Quiz Score: 20 out of 20

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