

Data Science Fundamentals

Data Science · Practice Test · 8 Questions

1. Which programming language is famous in data science for using libraries like Pandas and NumPy?

- A) Python
- B) HTML
- C) C++
- D) JavaScript

2. In database management, what does the acronym SQL stand for?

- A) Simple Query Logic
- B) Structured Query Language
- C) Sequential Data List
- D) System Quality Link

3. What is the middle value in a sorted dataset called?

- A) Mean
- B) Mode
- C) Median
- D) Range

4. What is a data point that differs significantly from most other data points in a dataset called?

- A) Outlier
- B) Cluster
- C) Centroid
- D) Node

5. In data storage, what does the file format extension CSV stand for?

- A) Computer Storage Vector
- B) Central System Value
- C) Comma-Separated Values
- D) Code Structured Variable

6. Which chart type displays individual data points on a two-dimensional graph to show relationships between variables?

- A) Pie chart
- B) Bar chart
- C) Scatter plot
- D) Histogram

7. What type of machine learning uses data that is already labeled with correct answers?

- A) Unsupervised learning
- B) Supervised learning
- C) Reinforcement learning
- D) Clustering

8. Which three 'Vs' traditionally define the core characteristics of Big Data?

- A) Volume, Velocity, Variety
- B) Value, Validity, Vision
- C) Vector, Variable, Volume
- D) Visual, Virtual, Velocity