

Name \_\_\_\_\_

## Unveiling the Tools and Technologies of Big Data Analytics

### Multiple Choice Questions

1. What is the role of Hadoop in Big Data Analytics?
  - a) Storing and processing large datasets
  - b) Real-time data analysis
  - c) Data visualization
  - d) Natural language processing
  
2. Which tool is known for in-memory computing and fast data processing in Big Data Analytics?
  - a) NoSQL Databases
  - b) Apache Spark
  - c) Python
  - d) Data wrangling tools
  
3. What do Python and R serve as in the context of Big Data Analytics?
  - a) Cloud computing platforms
  - b) Data storage solutions
  - c) Programming languages for data analysis and visualization
  - d) Data visualization tools
  
4. How do data visualization tools contribute to Big Data Analytics?
  - a) They clean and prepare data for analysis.
  - b) They store and secure data.
  - c) They present data in a visually engaging way for easier understanding.
  - d) They perform real-time data analysis.
  
5. What is the primary role of machine learning in Big Data Analytics?
  - a) Data cleaning and preparation
  - b) Real-time data analysis
  - c) Predicting future events based on data
  - d) Storing and processing large datasets

