

Name \_\_\_\_\_

## Navigating the Challenges of Big Data and Analytics

### Multiple Choice Questions

1. What is the main challenge associated with the "velocity" aspect of Big Data?

- a) Handling vast volumes of data
- b) Ensuring data accuracy
- c) Dealing with the speed at which data is generated
- d) Integrating different data types

2. How does data cleaning contribute to overcoming Big Data challenges?

- a) It helps with data integration.
- b) It ensures data is generated at a consistent velocity.
- c) It identifies and rectifies errors and inconsistencies in data.
- d) It visualizes complex data.

3. What role do machine learning and AI play in addressing Big Data challenges?

- a) They automate data governance practices.
- b) They integrate data from various sources.
- c) They identify patterns and trends within data.
- d) They help with data visualization.

4. What does data governance encompass in the context of Big Data?

- a) Creating data pipelines
- b) Defining data ownership and access controls
- c) Real-time data analysis
- d) Storing large volumes of data

5. How does data visualization contribute to overcoming Big Data challenges?

- a) It identifies patterns and trends within data.
- b) It ensures data accuracy.
- c) It helps decision-makers quickly grasp insights and trends.
- d) It automates data cleaning processes.

