

Data Engineering on Microsoft Azure Practice Test Questions and Answers

1. Which Azure service is primarily used for big data analytics and data warehousing?

- A) Azure SQL Database
- B) Azure Synapse Analytics
- C) Azure Cosmos DB
- D) Azure Table Storage

2. What is the primary purpose of Azure Data Factory?

- A) Real-time data streaming
- B) Data orchestration and ETL/ELT processes
- C) Machine learning model training
- D) Database backup and recovery

3. Which Azure service provides real-time analytics on streaming data?

- A) Azure Data Lake Storage
- B) Azure Stream Analytics
- C) Azure Blob Storage
- D) Azure Event Grid

4. What type of data storage is Azure Data Lake Storage Gen2 optimized for?

- A) Structured relational data only
- B) Big data analytics with hierarchical namespace
- C) Small files and frequent transactions
- D) In-memory data processing

Answers: 1-B 2-B 3-B 4-B

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