



Knowledge check

3 minutes

1. Which definition of stream processing is correct?

☒ Data is processed continually as new data records arrives

✓ **Correct. Stream processing is used to continually process new data as it arrives.**

☐ Data is collected in a temporary store, and all records are processed together as a batch.

☐ Data is incomplete and cannot be analyzed.

2. Which service would you use to continually capture data from an IoT Hub, aggregate it over temporal periods, and store results in Azure SQL Database?

☐ Azure Cosmos DB

☒ Azure Stream Analytics

✓ **Correct. Azure Stream Analytics can be used to query a stream of data from Azure IoT Hub and store the results in Azure SQL Database.**

☐ Azure Storage

3. Which language would you use to query real-time log data in Azure Synapse Data Explorer?

☐ SQL

☐ Python

☒ KQL

✓ **Correct. Kusto Query Language is an intuitive but powerful language for querying Data Explorer tables.**

Next unit: Summary

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How are we doing? ☆ ☆ ☆ ☆ ☆