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Learning Style: Virtual Classroom

Technology: Microsoft

Difficulty: Beginner

Course Duration: 1 Day

Implementing Real Time Analytics with Microsoft Fabric (DP-603)



About This Course:

This course provides an in-depth understanding of how to design, implement, and manage real-time analytics solutions using Microsoft Fabric. It focuses on equipping participants with the skills to process and analyze streaming data from various sources, enabling businesses to gain actionable insights instantly.

Course Objectives:

- Design and implement real-time analytics pipelines using Microsoft Fabric.
- Ingest, process, and analyze streaming data from multiple sources.
- Create interactive dashboards and visualizations for real-time insights.
- Develop scalable and efficient solutions for high-volume data streams.
- Optimize performance for real-time data processing and analytics.
- Apply best practices for securing real-time data pipelines.
- Ensure compliance with data governance and industry standards.
- Troubleshoot and resolve challenges in streaming data environments.
- Leverage Microsoft Fabric tools to enable data-driven decision-making in real time.

Audience:

- Data Engineers: Focused on building and optimizing real-time analytics pipelines.
- Data Analysts: Looking to gain insights from live data streams and create actionable reports.

Prerequsites:

- Log in to the Azure portal.
- Explain and create resource groups.
- Understand the concept of streaming data.

Course Outline:

- Get started with Real-Time Analytics in Microsoft Fabric
- Use real time eventstreams in Microsoft Fabric
- Query data in a KQL database in Microsoft Fabric