



**Document Generated: 02/07/2025**

**Learning Style: Virtual Classroom**

**Provider: Microsoft**

**Difficulty: Beginner**

**Course Duration: 1 Day**

**Next Course Date: March 7, 2025**

## **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.

### **Prerequisites:**

- 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