

# DP 603- Implementing Real Time Analytics with Microsoft Fabric

Days: 1

**Prerequisites:** The student should be able to: Log in to the Azure portal. Use real-time Eventstream in Microsoft Fabric. Explain and create resource groups. Understand the concept of streaming data.

**Description:** In this learning path, the student is exposed to various ways to: source streaming data sources into Microsoft Fabric; use real-time Eventstream in Microsoft Fabric; query data in a KQL database in Microsoft Fabric; and create real-time dashboards in Microsoft Fabric.

## OUTLINE:

### LESSON 1 - GET STARTED WITH REAL-TIME INTELLIGENCE IN MICROSOFT FABRIC

- What is real-time data analytics?
- Real-Time Intelligence in Microsoft Fabric
- Ingest and transform real-time data
- Store and query real-time data
- Visualize real-time data
- Automate actions
- Module assessment

### LESSON 2 - USE EVENTSTREAM IN MICROSOFT FABRIC

- Components of Eventstream
- Eventstream sources and destinations
- Eventstream transformations
- Module assessment

### LESSON 3 - WORK WITH REAL-TIME DATA IN AN EVENTHOUSE IN MICROSOFT FABRIC

- Get started with an Eventhouse
- Use KQL effectively
- Materialized views and stored functions
- Module assessment

### LESSON 4 - CREATE REAL-TIME DASHBOARDS WITH MICROSOFT FABRIC

- Get started with real-time dashboards
- Organize and filter dashboard data
- Dashboard management and optimization
- Module assessment

### LESSON 5 - USE ACTIVATOR IN MICROSOFT FABRIC

- Configure Activator for your data
- Create rules in Activator
- Configure actions in Activator
- Module assessment