



# DP-603T00: Implementing Real Time Analytics with Microsoft Fabric

Course ID #: 7000-932-ZZ-Z

Hours: 35

## Course Content

### Course 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.
- Create real time dashboards in Microsoft Fabric.

### Prerequisites:

The student should be able to:

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

### Topics:

#### Lesson 1: Get started with Real-Time Intelligence in Microsoft Fabric

- Introduction
- Describe Microsoft Fabric Real-Time Intelligence?
- Understand KQL database and tables
- Describe Microsoft Fabric Real-Time hub
- Write queries with KQL
- Exercise: Explore Real-Time Intelligence in Fabric
- Knowledge check
- Summary

#### Lesson 2: Use real time eventstreams in Microsoft Fabric

- Introduction
- Main components of event streams
- Setting up event stream

- Routing event stream data
- Exercise - Load data into a KQL database using Microsoft Fabric event stream
- Knowledge check
- Summary

#### Lesson 3: Query data in a KQL database in Microsoft Fabric

- Introduction
- Get started with KQL queries
- KQL best practices
- Advanced features
- Exercise - query a KQL database in Microsoft Fabric
- Knowledge check
- Summary



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## **Lesson 4: Create Real-Time Dashboards with Microsoft Fabric**

- Introduction
- Get started with Real-Time Dashboards
- Advanced features
- Real-Time Dashboards best practices
- Exercise - create a Real-Time Dashboard
- Knowledge check
- Summary

## **Lesson 5: Get started with Data Activator in Microsoft Fabric**

- Introduction
- Understand Data Activator
- Get started with Data Activator
- Understand triggers, conditions and actions in Data Activator
- Get data from Power BI Reports and EventStreams with Data Activator
- Assign data in Data Activator
- Create triggers in Data Activator
- Exercise – Use Data Activator in Fabric
- Knowledge check
- Summary

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