

**Implement Real-Time Analytics with Microsoft Fabric (DP-603)**

**Course Number:** MOC-DP-603
**Duration:** 1 day

**Overview**

This official Microsoft course, Implement Real-Time Analytics with Microsoft Fabric (DP-603T00), teaches attendees how to import live data streams from various sources, leverage the power of Eventstream for real-time processing, and unlock insights through KQL queries on data. Students also learn how to create dynamic dashboards that visualize real-time data for effective decision making.

**Prerequisites**

All students should be able to:

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

**Materials**

All Microsoft training students receive Microsoft official courseware.

For all Microsoft Official Courses taught in their entirety that have a corresponding certification exam, an exam voucher is included for each participant.

**Software Needed on Each Student PC**

Attendees will not need to install any software on their computers for this class. The class will be conducted in a remote environment that Accelebrate will provide; students will only need a local computer with a web browser and a stable Internet connection. Any recent version of Microsoft Edge, Mozilla Firefox, or Google Chrome will work well.

**Objectives**

* 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

**Outline**

* Introduction
* Get started with Real-Time Analytics in Microsoft Fabric
	+ What is Synapse Real-Time Analytics?
	+ Understand KQL database and tables
	+ Write queries with KQL
* Use real-time Eventstreams in Microsoft Fabric
	+ Main components of Eventstream
	+ Setting up Eventstream
	+ Routing Eventstream data
* Query data in a KQL database in Microsoft Fabric
	+ Get started with KQL queries
	+ KQL best practices
	+ Advanced features
* Conclusion