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

**Course Details**

**Course Code:** DP-603T00

**Duration:** 1 day

**Notes:**

- This course syllabus should be used to determine whether the course is appropriate for the students, based on their current skills and technical training needs.
- Course content, prices, and availability are subject to change without notice.
- Terms and Conditions apply

*Elements of this syllabus are subject to change.*

## About this course

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.

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### Get started with Real-Time Analytics in Microsoft Fabric

Analysis of real-time data streams is a critical capability for any modern data analytics solution. You can use the Real-Time Analytics capabilities of Microsoft Fabric to ingest, query, and process streams of data.

#### Learning objectives

In this module, you'll learn how to:

- Describe Real-Time Analytics in Microsoft Fabric
- Create Real-Time Analytics databases and tables
- Use KQL to query tables

### Use real time eventstreams in Microsoft Fabric

This module is an introduction to the Microsoft Fabric Eventstream within Real-Time Analytics (RTA)

#### Learning objectives

- Establish source and destinations in Eventstream
- View the data in-flight in eventstream items
- Capture, transform, and route data using Eventstream

### Query data in a KQL database in Microsoft Fabric

This tutorial provides a brief introduction to KQL (Kusto Query Language) queries using Querysets and the major differences between KQL and T-SQL when using Querysets.

#### Learning objectives

After completing this module, you'll be able to:

- Use basic syntax and of Kusto Query Language (KQL).
- Understand the basics of the Queryset canvas.
- Describe how to execute T-SQL queries in the Queryset canvas.
- Describe how to convert T-SQL queries into KQL queries.