

**Implement a Data Warehouse with Microsoft Fabric (DP-602)**

**Course Number:** MOC-DP-602
**Duration:** 1 day

**Overview**

This official Microsoft training course, Implement a Data Warehouse with Microsoft Fabric (DP-602T00), teaches attendees the data warehousing process and how to load, monitor, and query a warehouse in Microsoft Fabric.

This learning path helps prepare your team for [Exam DP-600: Implementing Analytics Solutions Using Microsoft Fabric](https://learn.microsoft.com/credentials/certifications/exams/dp-600/).

**Prerequisites**

All attendees must be familiar with basic data concepts and terminology.

**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**

* Create a relational data warehouse and integrate it easily with other elements of an end-to-end analytics solution
* Implement advanced query processing and full transactional T-SQL capabilities for easy data management and analysis
* Monitor a data warehouse to understand the activity that occurs within it

**Outline**

* Introduction
* Get started with Data Warehouses in Microsoft Fabric
	+ Understand data warehouse fundamentals
	+ Understand data warehouses in Fabric
	+ Query and transform data
	+ Prepare data for analysis and reporting
	+ Secure and monitor your data warehouse
	+ Analyze data in a data warehouse3
* Load Data into a Microsoft Fabric Data Warehouse
	+ Explore data load strategies
	+ Use data pipelines to load a warehouse
	+ Load data using T-SQL
	+ Load and transform data with Dataflow Gen2
	+ Load data into a warehouse in Microsoft Fabric3
* Query a Data Warehouse in Microsoft Fabric
	+ Use the SQL query editor
	+ Explore the visual query editor
	+ Use client tools to query a warehouse
	+ Query a data warehouse in Microsoft Fabric3
* Monitor a Microsoft Fabric Data Warehouse
	+ Monitor capacity metrics
	+ Monitor current activity
	+ Monitor queries
	+ Monitor a data warehouse in Microsoft Fabric3
* Conclusion