

DP 700- Implement Data Engineering Solutions Using Microsoft Fabric



Duration: 4 days

Audience: This audience for this course is data professionals with experience in data extraction, transformation, and loading. DP-700 is designed for professionals who need to create and deploy data engineering solutions using Microsoft Fabric for enterprise-scale data analytics.

Prerequisites: Learners should also have experience at manipulating and transforming data with one of the following programming languages: Structured Query Language (SQL), PySpark, or Kusto Query Language (KQL).

Description: This course covers methods and practices to implement data engineering solutions by using Microsoft Fabric. Students will learn how to design and develop effective data loading patterns, data architectures, and orchestration processes. Objectives for this course include ingesting and transforming data and securing, managing, and monitoring data engineering solutions. This course is designed for experienced data professionals skilled at data integration and orchestration, such as those with the DP-203: Azure Data Engineer certification.

OUTLINE:

MODULE 1: INGEST DATA WITH MICROSOFT FABRIC

MODULE 2: IMPLEMENT A LAKEHOUSE WITH MICROSOFT FABRIC

MODULE 3: IMPLEMENT REAL-TIME INTELLIGENCE WITH MICROSOFT FABRIC

MODULE 4: IMPLEMENT A DATA WAREHOUSE WITH MICROSOFT FABRIC

MODULE 5: MANAGE A MICROSOFT FABRIC ENVIRONMENT