

DP-600T00: Microsoft Fabric Analytics

Engineer

Price: 2595

Duration: 4 days

Delivery Methods: Virtual

Overview

About this Course

This course covers methods and practices for implementing and managing enterprise-scale data analytics solutions using Microsoft Fabric. Students will build on existing analytics experience and will learn how to use Microsoft Fabric components, including lakehouses, data warehouses, notebooks, dataflows, data pipelines, and semantic models, to create and deploy analytics assets. This course is best suited for those who have the PL-300 certification or similar expertise in using Power BI for data transformation, modeling, visualization, and sharing. Also, learners should have prior experience in building and deploying data analytics solutions at the enterprise level.

Audience Profile

The primary audience for this course is data professionals with experience in data modeling, extraction, and analytics. DP-600 is designed for data professionals who want to use Microsoft Fabric to create and deploy enterprise-scale data analytics solutions.

At Course Completion

Outline

Module: Introduction to end-to-end analytics using Microsoft Fabric

Module: Administer Microsoft Fabric

Module: Ingest Data with Dataflows Gen2 in Microsoft Fabric

Module: Ingest data with Spark and Microsoft Fabric notebooks

Module: Use Data Factory pipelines in Microsoft Fabric

Module: Get started with lakehouses in Microsoft Fabric

Module: Organize a Fabric lakehouse using medallion architecture design

Module: Use Apache Spark in Microsoft Fabric

Module: Work with Delta Lake tables in Microsoft Fabric

Module: Get started with data warehouses in Microsoft Fabric

Module: Load data into a Microsoft Fabric data warehouse

Module: Query a data warehouse in Microsoft Fabric

Module: Monitor a Microsoft Fabric data warehouse

Module: Understand scalability in Power BI

Module: Create Power BI model relationships

Module: Use tools to optimize Power BI performance

Module: Enforce Power BI model security

Prerequisites

Before attending this course, it is recommended the students have:

- A foundational knowledge of core data concepts and how they're implemented using Microsoft data services. For more information see Azure Data Fundamentals.
- Experience designing and building scalable data models, cleaning and transforming data, and enabling advanced analytic capabilities that provide meaningful business value using Microsoft Power BI. For more information see Power BI Data Analyst.

Course Schedule

Date	Time	Price	Options
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