

MICROSOFT FABRIC ANALYTICS ENGINEER (DP-600T00)

Course Code: 834021

This course covers methods and practices for implementing and managing enterprise-scale data analytics solutions using Microsoft Fabric.

Students will learn how to use Fabric dataflows, pipelines, and notebooks to develop analytics assets such as semantic models, data warehouses, and lakehouses. This course is designed for experienced data professionals skilled at data preparation, modeling, analysis, and visualization, such as the PL-300: Power BI Data Analyst certification. Learners should have prior experience with one of the following programming languages: Structured Query Language (SQL), Kusto Query Language (KQL), or Data Analysis Expressions (DAX).

What You'll Learn

Students will learn how to,

- Get started with Microsoft Fabric
- Implement a data warehouse with Microsoft Fabric
- Work with semantic models in Microsoft Fabric
- Administer and govern Microsoft Fabric

Who Needs to Attend

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

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CLASSROOM LIVE

\$2,595 USD

4 Day

Classroom Live Outline

Module 1: Get started with Microsoft Fabric

- Introduction to end-to-end analytics using Microsoft Fabric
- Get started with lakehouses in Microsoft Fabric
- Use Apache Spark in Microsoft Fabric
- Work with Delta Lake tables in Microsoft Fabric
- Orchestrate processes and data movement with Microsoft Fabric
- Ingest Data with Dataflows Gen2 in Microsoft Fabric
- Get started with data warehouses in Microsoft Fabric
- Get started with Real-Time Intelligence in Microsoft Fabric
- Get started with data science in Microsoft Fabric
- Administer a Microsoft Fabric environment

Module 2: Implement a data warehouse with Microsoft Fabric

- Get started with data warehouses in Microsoft Fabric
- Load data into a Microsoft Fabric data warehouse
- Query a data warehouse in Microsoft Fabric
- Monitor a Microsoft Fabric data warehouse
- Secure a Microsoft Fabric data warehouse

Module 3: Work with semantic models in Microsoft Fabric

- Add measures to Power BI Desktop models
- Design scalable semantic models
- Optimize a model for performance in Power BI
- Use tools to optimize Power BI performance
- Create and manage Power BI assets
- Enforce Power BI model security

Module 4: Administer and govern Microsoft Fabric

- Administer a Microsoft Fabric environment
- Secure data access in Microsoft Fabric
- Secure a Microsoft Fabric data warehouse
- Govern data in Microsoft Fabric with Purview

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VIRTUAL CLASSROOM LIVE

\$2,595 USD

4 Day

Virtual Classroom Live Outline

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Sep 22 - 25, 2025 | 9:00 AM - 5:00 PM EDT

Nov 17 - 20, 2025 | 9:00 AM - 5:00 PM EST



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PRIVATE GROUP TRAINING

4 Day

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Date created: 7/1/2025 9:48:09 AM

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