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# DP-600T00 - Microsoft Fabric Analytics Engineer

Microsoft - Microsoft Azure - Virtualizzazione e Cloud

Durata: Lingue: Certificazione:

4 Giorni Italiano Microsoft Certified: Fabric Analytics

**Engineer Associate** 

### Descrizione del corso

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).

You could also consider these Applied Skills to skill up on data engineering technologies including lakehouse and data warehouse with Microsoft Fabric platform. Leverage the certification exam if you are a power BI data analyst who wants to demonstrate ability to perform upstream data ingestion and transformation skills to serve curated data assets. There is a significant overlap in skills measured in these credentials and certification.

## Programma

#### 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

### **ITCore Group**

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- 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

## Implement a data warehouse with Microsoft Fabric

- Introduction to end-to-end analytics using 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

#### Work with semantic models in Microsoft Fabric

- Create DAX calculations in semantic models
- Design scalable semantic models
- Optimize a model for performance in Power BI
- Create and manage Power BI assets
- Enforce Power BI model security

#### 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