Microsoft Fabric Analytics Engineer

CODICE	**DP-600T00**
DURATA	**4 gg**
PREZZO	**1.590,00 €**
EXAM	

DESCRIZIONE

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.

TARGET

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

PREREQUISTI

PL-300T00: Power BI Data Analyst

CONTENUTI

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
- Get started with Data Activator in Microsoft Fabric
- Administer a Microsoft Fabric environment

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

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

Administer and govern Microsoft Fabric

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