# DP-700: Microsoft Fabric Data Engineer

Microsoft - Data & AI

Live Training ( também disponível em presencial )

- **Localidade:**
- **Data:** 06 Oct 2026
- **Preço:** 1250 € ( Os valores apresentados não incluem IVA. Oferta de IVA a particulares e estudantes. )
- **Horário:** Manhã das 9h30 às 17h30
- **Nível:** Intermédio
- **Duração:** 28h

---

## Sobre o curso

**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.

---

## Destinatários

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

---

## Condições

- Ingesting and transforming data and securing;
- Managing, and monitoring data engineering solutions.

---

## Pré-requisitos

- Familiarity with Microsoft Fabric.

- 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).

---

## Programa

- Ingest data with Microsoft Fabric
- Implement a Lakehouse with Microsoft Fabric
- Implement Real-Time Intelligence with Microsoft Fabric
- Implement a data warehouse with Microsoft Fabric
- Manage a Microsoft Fabric environment

**Ingest data with Microsoft Fabric**

This module explore how Microsoft Fabric enables you to ingest and orchestrate data from various sources (such as files, databases, or web services) through dataflows, notebooks, and pipelines.

- Ingest Data with Dataflows Gen2 in Microsoft Fabric
- Orchestrate processes and data movement with Microsoft Fabric
- Get started with Real-Time Intelligence in Microsoft Fabric
- Use real-time eventstreams in Microsoft Fabric
- Work with real-time data in a Microsoft Fabric eventhouse

**Implement a Lakehouse with Microsoft Fabric**

This module introduces the foundational components of implementing a data lakehouse 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
- Ingest Data with Dataflows Gen2 in Microsoft Fabric
- Orchestrate processes and data movement with Microsoft Fabric
- Organize a Fabric lakehouse using medallion architecture design

**Implement Real-Time Intelligence with Microsoft Fabric**

This module explore Real-time intelligence in Microsoft Fabric enables analysis of streaming events in real or near-real time.

- Get started with Real-Time Intelligence in Microsoft Fabric
- Use real-time eventstreams in Microsoft Fabric
- Work with real-time data in a Microsoft Fabric eventhouse
- Create Real-Time Dashboards with Microsoft Fabric

**Implement a data warehouse with Microsoft Fabric**

This module explore the data warehousing process and learn how to load, monitor, secure, and query a

warehouse in 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

**Manage a Microsoft Fabric environment**

Microsoft Fabric is a Software-as-a-Service platform for data analytics. Learn how to manage your environment through Continuous Integration/Continuous Deployment (CI/CD), monitoring, and security.

- Implement continuous integration and continuous delivery (CI/CD) in Microsoft Fabric
- Monitor activities in Microsoft Fabric
- Secure data access in Microsoft Fabric
- Administer a Microsoft Fabric environment