Implement data engineering solutions using Microsoft Fabric (DP-700T00)

ID DP-700T00 **Price** CHF 3,200.—(excl. VAT) **Duration** 4 days

Who should attend

This audience for this course is data professionals with experience in data extraction, transformation, and loading. DP-700 is designed for professionals who need to create and deploy data engineering solutions using Microsoft Fabric for enterprise-scale data analytics. 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).

This course is part of the following Certifications

Microsoft Certified: Fabric Data Engineer Associate (MCFDEA)

Course Content

Ingest data with Microsoft Fabric

- Ingest Data with Dataflows Gen2 in Microsoft Fabric
- Orchestrate processes and data movement with Microsoft Fabric
- Use Apache Spark in Microsoft Fabric
- Work with real-time data in an Eventhouse in Microsoft Fabric

Implement a 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

- Get started with Real-Time Intelligence in Microsoft Fabric
- Use Eventstream in Microsoft Fabric
- Work with real-time data in an Eventhouse in Microsoft Fabric
- Create Real-Time Dashboards with Microsoft Fabric
- Use Activator in Microsoft Fabric

Implement a data warehouse with Microsoft Fabric

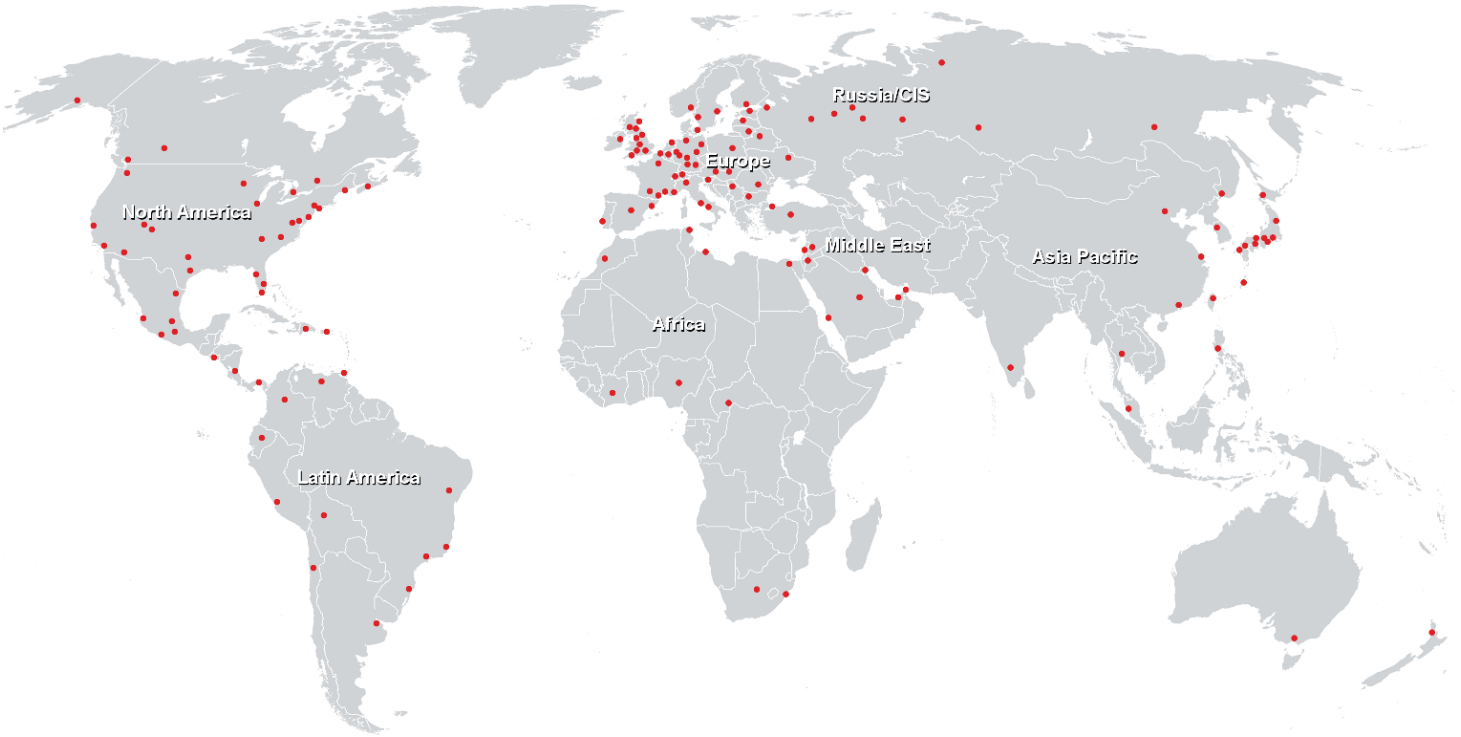
- Introduction to end-to-end analytics using Microsoft Fabric
- Get started with data warehouses in Microsoft Fabric
- Load data into a Microsoft Fabric data warehouse
- Query a data warehouse in Microsoft Fabric
- Get started with Copilot in Microsoft Fabric for Data Warehouse
- Monitor a Microsoft Fabric data warehouse
- Secure a Microsoft Fabric data warehouse

Manage a Microsoft Fabric environment

- 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

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