MDAI-23 - MOC DP-700T00 - MICROSOFT FABRIC DATA ENGINEER

Categoria: **Data & AI**

INFORMAZIONI SUL CORSO

Durata:
4 Giorni

Categoria:
Data & AI

Qualifica Istruttore:
Microsoft Certified Trainer

Dedicato a:
Professionista IT

Produttore:
Microsoft

OBIETTIVI

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. Objectives for this course include ingesting and transforming data and securing, managing, and monitoring data engineering solutions.

PREREQUISITI

This course is designed for experienced data professionals skilled at data integration and orchestration, with experience in data extraction, transformation, and loading.

CONTENUTI

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
- 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

- 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 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

- 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

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

INFO

Esame: DP-700 - Implementing Data Engineering Solutions Using Microsoft Fabric

Materiale didattico: Materiale didattico ufficiale Microsoft in formato digitale

Costo materiale didattico: incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)