MDAI-23 - MOC DP-700T00 - IMPLEMENT DATA ENGINEERING SOLUTIONS USING MICROSOFT FABRIC

Categoria: **Data & AI**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
4 Giorni	Data & AI	Microsoft Certified Trainer	Professionista IT	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

The 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).

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
- -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
-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

Use Activator in Microsoft Fabric

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)