MDAI-24 - MOC DP-800T00 - DEVELOP AI-ENABLED DATABASE SOLUTIONS

Categoria: **Data & AI**

INFORMAZIONI SUL CORSO

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

OBIETTIVI

This course provides students with the knowledge and skills to design and develop AI enabled database solutions across Microsoft SQL platforms, including SQL Server, Azure SQL, and SQL databases in Microsoft Fabric. It is intended for professionals who build modern data solutions that integrate structured and semi structured data and incorporate AI features into scalable enterprise applications. It will also be valuable for individuals who develop applications that rely on SQL based data services enhanced with vector search, embeddings, and other AI driven capabilities.

PREREQUISITI

- Basic understanding of database concepts
- Experience writing T-SQL queries.
- Familiarity with SQL Server, Azure SQL Database, or SQL databases in Microsoft Fabric.
- Basic understanding of security concepts like authentication and authorization.
- Experience with Git version control and CI/CD concepts.

CONTENUTI

Design and develop database solutions

- Design and implement database objects with SQL
- Implement programmability objects with SQL
- Write advanced T-SQL code
- Implement SQL solutions by using AI-assisted tools

Secure, optimize, and deploy database solutions

- Implement data security and compliance with SQL
- Optimize database performance
- Implement CI/CD by using SQL Database Projects
- Integrate SQL solutions with Azure services

Implement AI capabilities in database solutions

- Design and implement models and embeddings with SQL
- Design and implement intelligent search with SQL

-Design and implement RAG with SQL

INFO

Esame: DP-800 - Developing AI-Enabled Database Solutions
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)