CORSO MOC DP-900: MICROSOFT AZURE DATA FUNDAMENTALS

DURATA 1 GIORNI

PROGRAMMA

Module 1: Explore core data concepts

- Explore core data concepts
- Explore roles and responsiblities in the world of data
- Describe concepts of relational data
- Explore concepts of non-relational data
- Explore concepts of data analytics

After completing this module, students will be able to:

- Show foundational knowledge of cloud data services within Azure
- Identify and describe core data concepts such as relational, non-relational, big data, and analytics
- Explain how this technology is implemented with Azure

Module 2: Explore relational data in Azure

- Explore relational data offerings in Azure
- Explore provisioning and deploying relational database offerings in Azure
- Query relational data in Azure

After completing this module, students will be able to:

- Describe relational data offerings on Azure
- Explain provisioning and deploying relational databases on Azure
- Query relational data through cloud data solutions in Azure

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Module 3: Explore non-relational data in Azure

- Explore non-relational data offerings in Azure
- Explore provisioning and deploying non-relational data services on Azure
- Manage non-relational data stores in Azure

After completing this module, students will be able to:

- Describe non-relational data offerings on Azure
- Explain provisioning and deploying non-relational databases on Azure
- Decribe non-relational data stores on Azure

Module 4: Explore modern data warehouse analytics in Azure

- Examine components of a modern data warehouse
- Explore data ingestion in Azure
- Explore data storage and processing in Azure
- Get started building with Power BI

After completing this module, students will be able to:

- Describe processing options available for building data analytics solutions in Azure
- Describe Azure Synapse Analytics, Azure Databricks, and Azure HDInsight
- Explain what Microsoft Power BI is, including its building blocks and how they work together

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