

Introduction to Microsoft Azure Data (DP-900T00)

Duration: 1 day

Audience: Professionnel TI

Who is this training for?

The audience for this course is individuals who want to learn the fundamentals of database concepts in a cloud environment, get basic skilling in cloud data services, and build their foundational knowledge of cloud data services within Microsoft Azure.

Training objectives

- Describe core data concepts in Azure
- Explain relational data concepts in Azure
- Explain non-relational data concepts in Azure
- Identify the components of a data store in Azure

Summary

In this course, students will gain foundational knowledge of core data concepts and related Microsoft Azure data services. Students will learn about core data concepts such as relational, non-relational, big data, and analytics, and build their foundational knowledge of cloud data services within Microsoft Azure. Students will explore fundamental relational data concepts and relational database services in Azure. They will explore Azure storage for non-relational data and the fundamentals of Azure Cosmos DB. Students will learn about large-scale data warehousing, real-time analytics, and data visualization.

Course outline

Explore database concepts

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

- Explore data analytics concepts

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

Explore non-relational data in Azure

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

Explore an analytical data store in Azure

- Review the components of data in a data store
- Explore data integration in Azure
- Explore data storage and processing in Azure
- Introduction to Power BI

Approach and methodology

A practical and structured approach combining targeted theory and guided workshops. Led by a Microsoft-certified trainer, the course emphasizes interactivity and the development of directly transferable technical skills.