GALILEU

DP-900: Microsoft Azure Data Fundamentals

Microsoft - Data & AI

- **Nível:** Entrada
- **Duração:** 7h

Sobre o curso

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.

Destinatários

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.

Objetivos

- Prepare for the Azure Data Fundamentals certification
- Prepare for a career as a data professional
- Prepare you for Exam DP-900: Microsoft Azure Data Fundamentals
- Build new applications or migrate existing ones to the cloud
- Build highly scalable, secure data stores for non-relational data
- Build large-scale analytics solutions that leverage the latest technologies and techniques for data ingestion, storage, modeling, and visualization

Pré-requisitos

Prerequisite certification is not required before taking this course. Successful Azure Data Fundamentals students start with some basic awareness of computing and Internet concepts, and an interest in extracting insights from data.

Specifically:

- Experience using a web browser, such as Microsoft Edge.
- Familiarity with basic data-related concepts, such as working with tables of data in a spreadsheet and visualizing data using charts.
- A willingness to learn through hands-on exploration.

Programa

- Explore core data concepts
- Explore relational data in Azure
- Explore non-relational data in Azure
- Explore data analytics in Azure

Explore core data concepts

- Explore core data concepts
- Explore data roles and services

Explore relational data in Azure

- Explore fundamental relational data concepts
- Explore relational database services in Azure

Explore non-relational data in Azure

- Explore Azure Storage for non-relational data
- Explore fundamentals of Azure Cosmos DB

Explore data analytics in Azure

- Explore fundamentals of large-scale data warehousing
- Explore fundamentals of real-time analytics
- Explore fundamentals of data visualization