

DP-900T00-A: Introduction to Microsoft Azure Data

Overview

In this course, participants will gain foundational knowledge of core data concepts and related Microsoft Azure data services. They 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. They will explore fundamental relational data concepts, relational database services in Azure, Azure storage for non-relational data and the fundamentals of Azure Cosmos DB. They will also learn about large-scale data warehousing, real-time analytics, and data visualization.

Duration : 8 hours(1 Day)

Audience Profile

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.

Course Syllabus

Module 01 : Introduction to Microsoft Azure Data core data concepts

- Explore core data concepts
- Explore data roles and services

Module 02 : Introduction to Microsoft Azure Data relational data in Azure

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

Module 03 : Introduction to Microsoft Azure Data non-relational data in Azure

- Explore Azure Storage for non-relational data
 - ✓ Azure blob storage
 - ✓ Azure Data Lake Storage Gen2
 - ✓ Microsoft OneLake in Fabric
 - ✓ Azure Files
 - ✓ Azure Tables
- Fundamentals of Azure Cosmos DB

Module 04 : Introduction to Microsoft Azure Data analytics in Azure

- Fundamentals of large-scale analytics
- Fundamentals of real-time analytics
- Fundamentals of data visualization