

Document Generated: 11/23/2024

Learning Style: On Demand

Provider: Microsoft

Difficulty: Beginner

Course Duration: 2 Hours

Microsoft Azure Data Fundamentals (DP-900)



About this Course:

Students will identify and describe core data concepts such as relational, non-relational, big data, and analytics, and explore how this technology is implemented with Microsoft Azure. They will explore the roles, tasks, and responsibilities in the world of data. The students will explore relational data offerings, provisioning and

deploying relational databases, and querying relational data through cloud data solutions with Microsoft Azure. They will explore non-relational data offerings, provisioning and deploying non-relational databases, and non-relational data stores with Microsoft Azure. Students will explore the processing options available for building data analytics solutions in Azure. They will explore Azure Synapse Analytics, Azure Databricks, and Azure HDInsight. Students will learn what Power BI is, including its building blocks and how they work together.

Course Objectives:

- Describe core data concepts in Azure
- Explain concepts of relational data in Azure
- Explain concepts of non-relational data in Azure
- Identify components of a modern data warehouse in Azure

Audience:

- 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.

Prerequisites:

- There are no prerequisites for this course.

Course Outline:

This Course Includes:

- Course Introduction
- Module 1: Explore Core Data Concepts
- Module 2: Explore Relational Data in Azure
- Module 3: Explore Non-Relational Data in Azure
- Module 4: Explore Modern Data Warehouse Analytics in Azure

Credly Badge:

Display your Completion Badge And Get The Recognition You Deserve.

Add a completion and readiness badge to your LinkedIn profile, Facebook page, or Twitter account to validate your professional and technical expertise. With badges issued and validated by Credly, you can:

- Let anyone verify your completion and



achievement by clicking on the badge

- Display your hard work and validate your expertise
- Display each badge's details about specific skills you developed.

Badges are issued by QuickStart and verified through Credly.

[Find Out More](#) or [See List Of Badges](#)