Document Generated: 11/27/2026

Learning Style: On Demand

Technology: Microsoft

Difficulty: Beginner

Course Duration: 1 Week

Microsoft Azure Data Fundamentals



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

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