# Introduction to Microsoft Azure Data

Length: 1 days
Format: Classroom
Time: Day

## About This Course

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.

## Required Exams

## 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 Objectives

Students will learn to: * Microsoft Azure Data Fundamentals: Explore core data concepts
* Microsoft Azure Data Fundamentals: Explore relational data in Azure
* Microsoft Azure Data Fundamentals: Explore non-relational data in Azure
* Microsoft Azure Data Fundamentals: Explore data analytics in Azure

## Outline

Module 1: Microsoft Azure Data Fundamentals: Explore core data concepts * Explore core data concepts
* Explore data roles and services

Module 2: Microsoft Azure Data Fundamentals: Explore relational data in Azure * Explore fundamental relational data concepts
* Explore relational database services in Azure

Module 3: Microsoft Azure Data Fundamentals: Explore non-relational data in Azure * Explore Azure Storage for non-relational data
* Explore fundamentals of Azure Cosmos DB

Module 4: Microsoft Azure Data Fundamentals: Explore data analytics in Azure * Explore fundamentals of large-scale analytics
* Explore fundamentals of real-time analytics
* Explore fundamentals of data visualization