

Designing an Azure Data Solution (DP-201)

Duration: **2 days**

Course Overview

In this course, the students will design various data platform technologies into solutions that are in line with business and technical requirements. This can include on-premises, cloud, and hybrid data scenarios which incorporate relational, No-SQL or Data Warehouse data. They will also learn how to design process architectures using a range of technologies for both streaming and batch data.

The students will also explore how to design data security including data access, data policies and standards. They will also design Azure data solutions which includes the optimization, availability and disaster recovery of big data, batch processing and streaming data solutions.

Who should attend

The audience for this course is data professionals, data architects, and business intelligence professionals who want to learn about the data platform technologies that exist on Microsoft Azure.

The secondary audience for this course is individuals who develop applications that deliver content from the data platform technologies that exist on Microsoft Azure.

Prerequisites

In addition to their professional experience, students who take this training should have technical knowledge equivalent to the following courses:

1. [Microsoft Azure Fundamentals](#) (AZ-900)
2. [Implementing an Azure Data Solution](#) (DP-200)

Course Content

1. Data Platform Architecture Considerations
2. Azure Batch Processing Reference Architectures
3. Azure Real-Time Reference Architectures
4. Data Platform Security Design Considerations
5. Designing for Resiliency and Scale
6. Design for Efficiency and Operations