

PROFESSIONAL COURSE OUTLINE

Microsoft

DP-900

Azure Data Fundamentals

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.

Data

Beginner

Azure

PROGRAM CODE

DP-900

DELIVERY

Virtual, On-site, or Hybrid

DURATION

1 day

CERTIFICATION

Microsoft Certified: Azure Data Fundamentals

AUDIENCE PROFILE

Who This Program Is For

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.

PROGRAM SUMMARY

What This Course Covers

This certification is an opportunity to demonstrate your knowledge of core data concepts and related Microsoft Azure data services.

TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.



Plan the next session

We can tune this outline around your delivery goals and team mix.

TALK TO US

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MODULE 1

Introduction to Microsoft Azure Data core data concepts

Introduction to Microsoft Azure Data core data concepts

- Explore core data concepts
- Explore data roles and services

2

MODULE 2

Introduction to Microsoft Azure Data relational data in Azure

Introduction to Microsoft Azure Data relational data in Azure

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

3

MODULE 3

Introduction to Microsoft Azure Data non-relational data in Azure

Introduction to Microsoft Azure Data non-relational data in Azure

- Explore Azure Storage for non-relational data
- Explore fundamentals of Azure Cosmos DB

4

MODULE 4

Introduction to Microsoft Azure Data analytics in Azure

Introduction to Microsoft Azure Data analytics in Azure

- Explore fundamentals of large-scale analytics
- Explore fundamentals of real-time analytics
- Explore fundamentals of data visualization

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