

KOENIG SOLUTIONS • COURSE OUTLINE

DP-900T00-A: Introduction to Microsoft Azure Data

Learn core data concepts and explore relational, non-relational and analytics services within Microsoft Azure.

1 Day

8 HOURS A DAY

4

MODULES

13

TOPICS

COURSE OVERVIEW

In this course, participants will gain foundational knowledge of core data concepts and related Microsoft Azure data services. They 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. They will explore fundamental relational data concepts, relational database services in Azure, Azure storage for non-relational data and the fundamentals of Azure Cosmos DB. They will also learn about large-scale data warehousing, real-time analytics, and data visualization.

WHO THIS COURSE 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

LEARNING OBJECTIVES

- Explain core data concepts and data roles
- Identify Azure data services and their uses
- Describe fundamental relational data concepts
- Compare relational database services in Azure
- Explain Azure Storage options for non-relational data
- Describe the fundamentals of Azure Cosmos DB
- Explain large-scale and real-time analytics fundamentals
- Describe data visualization fundamentals in Azure

4 Modules, 13 Topics

01

Introduction to Microsoft Azure Data Core Data Concepts

TOPICS

Explore core data concepts · Explore data roles and services

02

Introduction to Microsoft Azure Data Relational Data in Azure

TOPICS

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

03

Introduction to Microsoft Azure Data Non-relational Data in Azure

EXPLORE AZURE STORAGE FOR NON-RELATIONAL DATA

Azure blob storage · Azure Data Lake Storage Gen2 · Microsoft OneLake in Fabric · Azure Files · Azure Tables
Fundamentals of Azure Cosmos DB

04

Introduction to Microsoft Azure Data Analytics in Azure

TOPICS

Fundamentals of large-scale analytics · Fundamentals of real-time analytics · Fundamentals of data visualization

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

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