



MICROSOFT TRAINING

Microsoft Azure Data Fundamentals Training Faculty

Master foundational Microsoft Azure data concepts: relational, non-relational, and analytics workloads. Build essential skills for data management.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This intensive 2-hour Microsoft Azure Data Fundamentals training provides a crucial foundational understanding of core data concepts and how they are implemented using Microsoft Azure data services. Designed for individuals looking to embark on a career in data or cloud computing, this course demystifies the various types of data workloads, including relational, non-relational, and analytics, and introduces the corresponding Azure services used to manage them. Participants will gain clarity on data storage, processing, and consumption methods within the Azure ecosystem, preparing them to understand and contribute to cloud-based data solutions.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Explore Core Data Concepts

- Introduction to Data Roles and Responsibilities
- Comparing Relational and Non-Relational Data
- Understanding Analytics Workloads
- Core Data Workloads in Azure

02 Module 2: Explore Relational Data on Azure

- Fundamentals of Relational Databases
- Introduction to Azure SQL Database
- Azure Database for MySQL, PostgreSQL, and MariaDB
- Querying Data with SQL

03 Module 3: Explore Non-Relational Data on Azure

- Characteristics of Non-Relational Data
- Introduction to Azure Cosmos DB
- Azure Blob Storage for unstructured data
- Azure Table Storage and Azure File Share

04 Module 4: Explore Analytics Workloads on Azure

- Understanding Data Warehousing
- Introduction to Azure Synapse Analytics
- Big Data and Azure HDInsight
- Real-time Analytics with Azure Stream Analytics
- Data Visualization with Power BI Fundamentals

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

> **Junior Cloud Data Analyst**

> Cloud Data Support Specialist

> Aspiring Azure Data Engineer

FREQUENTLY ASKED QUESTIONS

Q: What specific practical skills will I acquire from this 2-hour course that I can immediately apply in an Azure data environment?

While a fundamental course, you'll gain practical understanding in distinguishing between various Azure data services (like Azure SQL Database vs. Azure Cosmos DB), identifying appropriate data storage solutions for different workloads (relational, non-relational, analytics), and comprehending basic SQL querying principles in an Azure context. This foundational knowledge is crucial for participating in data-related discussions and understanding technical documentation for Azure data projects.

Q: Is this Microsoft Azure Data Fundamentals training suitable for someone with absolutely no prior cloud computing or database experience?

Yes, absolutely. This course is specifically designed as an entry point for individuals with little to no prior experience in cloud computing or databases. It starts with core data concepts and gradually introduces Azure services, making it an ideal first step for anyone looking to understand the fundamentals of data in the Microsoft Azure cloud.

Q: How does completing this course position me for advanced Azure data certifications, such as those for Data Engineers or Database Administrators?

This Microsoft Azure Data Fundamentals course (DP-900 equivalent) serves as the essential prerequisite knowledge base for more advanced Azure data certifications. It establishes a common language and understanding of Azure data services, making subsequent learning for roles like Azure Data Engineer (DP-203) or Azure Database Administrator (DP-300) significantly more accessible and effective. It provides the core conceptual framework upon which all specialized Azure data roles are built.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke