



MICROSOFT TRAINING

DP-900T00: Microsoft Azure Data Fundamentals

Master foundational Microsoft Azure data services, from relational to analytics. Prepare to ace your DP-900 certification.

DURATION

2 hours

LEVEL

Beginner

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The DP-900T00: Microsoft Azure Data Fundamentals course offers a comprehensive introduction to core data concepts and how they are implemented using Microsoft Azure data services. This beginner-level training is perfect for individuals looking to build a foundational understanding of cloud data, whether they are new to the data world, in non-technical roles, or aspiring to advance into more specialized data positions. You will learn to differentiate between various data workloads, including transactional and analytical processes, and explore the fundamental principles of relational and non-relational data.

Throughout this engaging 2-hour course, participants will dive into the specifics of Microsoft Azure's rich portfolio of data services. Key technologies covered include Azure SQL Database for relational data, Azure Cosmos DB for scalable non-relational applications, and Azure Blob Storage for massive unstructured data. The curriculum also introduces powerful analytics tools like Azure Synapse Analytics and the basics of data visualization with Power BI. By the end of the course, you'll be well-versed in identifying the right Azure data service for different business needs, laying a solid groundwork for data-driven decision-making.

Mastering these fundamentals provides immense professional benefits, equipping you with the essential terminology and conceptual knowledge to confidently navigate cloud data environments. It serves as an excellent stepping stone for further specialization in Azure data engineering, database administration, or data analysis roles, boosting your career prospects in the rapidly evolving digital landscape and enhancing your ability to contribute to data-centric projects.

Duration	2 hours
Level	Beginner
Vendor	Microsoft
Exam Code	DP-900

PREREQUISITES

- Understanding of cloud computing concepts
- Familiarity with Azure portal
- Basic PowerShell or CLI experience
- Understanding of virtualization concepts

COURSE CURRICULUM

01 Module 1: Explore Core Data Concepts

- Introduction to foundational data concepts
- Understanding data workloads: transactional vs. analytical
- Differentiating between relational and non-relational data
- Introduction to data processing (batch vs. streaming)

02 Module 2: Explore Relational Data on Azure

- Overview of relational data services in Azure
- Introduction to Azure SQL Database
- Exploring Azure Database for MySQL, PostgreSQL, and MariaDB
- Basic concepts of querying and managing relational data

03 Module 3: Explore Non-Relational Data on Azure

- Overview of non-relational data services in Azure
- Introduction to Azure Cosmos DB (document, key-value, graph, column-family APIs)
- Exploring Azure Blob Storage for unstructured data
- Understanding Azure Table Storage and Azure File Storage

04 Module 4: Explore Analytics Workloads on Azure

- Introduction to data warehousing and big data analytics
- Overview of Azure Synapse Analytics
- Introduction to Azure Data Lake Analytics and Azure Databricks
- Understanding real-time analytics with Azure Stream Analytics
- Fundamentals of data visualization and reporting with Power BI

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Cloud Business Analyst**
- > **Entry-Level Data Operations Specialist**
- > **Technical Sales Specialist (Cloud Data Services)**

FREQUENTLY ASKED QUESTIONS

Q: What practical skills will I gain from the DP-900T00 course that I can immediately apply in a professional data role?

Upon completing this course, you will be able to articulate core data concepts, differentiate between various Azure data services (relational, non-relational, analytics), and identify suitable data solutions for specific business scenarios. You will gain the foundational knowledge required to engage in informed discussions about cloud data strategy, understand data architecture diagrams, and contribute effectively to projects involving Microsoft Azure data technologies, even if you are not directly performing data engineering tasks.

Q: Is the DP-900T00 certification a necessary prerequisite for pursuing more advanced Azure data roles or certifications, such as Data Engineer Associate (DP-203) or Azure Database Administrator Associate (DP-300)?

While the DP-900T00 certification is not a strict prerequisite for every advanced Azure data certification, it is highly recommended as it establishes the essential foundational knowledge across a broad spectrum of Azure data services. Successfully completing this course and earning the certification ensures you have a solid understanding of fundamental data concepts and Azure's data landscape, which will significantly ease your learning curve and improve your success rate when pursuing more specialized and complex certifications like DP-203 or DP-300.

Q: How does the DP-900T00 course specifically benefit professionals from non-technical backgrounds who are looking to transition into data-focused careers?

The DP-900T00 course is ideally structured for professionals from non-technical backgrounds, as it demystifies complex cloud data concepts and introduces them in an accessible way. It provides a common language for discussing data infrastructure, helping you understand the capabilities and applications of various Azure data services without requiring prior coding or extensive technical experience. This foundational understanding empowers you to effectively collaborate

with technical teams, make informed business decisions involving data, and confidently pursue further specialized training in data analysis or management within cloud environments.

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.

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