MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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DP-900T00: MICROSOFT AZURE DATA FUNDAMENTALS

"Build Your Foundation in Cloud-Based Data Concepts Using Microsoft Azure"

Schedule

Date	Venue	Fees (Online)
09 - 11 Jun 2026	Online (Live Virtual)	USD 1000 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

The DP-900 Microsoft Azure Data Fundamentals course provides essential knowledge of core data concepts and how they are implemented using Microsoft Azure services. This official Microsoft course is ideal for professionals seeking to understand database concepts, big data, and analytics solutions in the cloud.

Participants will gain foundational skills in relational and non-relational data, data workloads, data services in Azure, and the fundamentals of data security, privacy, and compliance. This course also prepares candidates for the Microsoft Certified: Azure Data Fundamentals certification.

Objectives

By the end of this course, participants will be able to:

- Describe core data concepts: relational, non-relational, big data, and analytics
- Identify data workloads and how they are handled in Azure
- Explore Azure services for relational and non-relational data
- Understand provisioning, deployment, and processing options
- Explain concepts related to data security and compliance
- Prepare for the DP-900 certification exam

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Why Attend

- Learn directly from Microsoft Official Curriculum (MOC) content
- Understand how data services are built, deployed, and maintained on Azure
- Strengthen your foundation for advanced Azure data certifications
- Gain exposure to data governance, privacy, and compliance in the cloud
- Access hands-on labs and live virtual instruction from certified trainers

Target Audience

This program is designed for:

- Beginners and entry-level data professionals
- IT staff planning to work with Azure data services
- Developers and analysts transitioning to cloud roles
- Students pursuing a data career in cloud environments
- Anyone planning to take the DP-900 certification exam

Individual Benefits

Key competencies that will be developed include:

- Foundational understanding of data management in the cloud
- Ability to differentiate between database and analytics services
- Familiarity with modern data platforms and workloads
- Insight into data roles and responsibilities in Azure
- Preparedness for Microsoft’s DP-900 certification pathway

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved data literacy in cloud and hybrid environments
- Strong foundational knowledge for cloud data modernization projects
- Ability to support Azure data solution planning and execution
- Enhanced readiness for more technical Azure certifications (DP-203, etc.)
- Understanding of security, compliance, and data governance practices

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Course Outline

Delivery Format: Online (Live) | Platform: Zoom, WebEx or Microsoft Teams Training Hours: 7:30 AM – 3:30 PM | Coffee breaks: 09:30 & 11:15 | Lunch Break: 01:00 – 02:00

Day 1: Core Data Concepts

- Module 1: Introduction to Data and Azure (07:30 – 09:30) • Types of data: structured, semi-structured, unstructured • Data storage and processing overview in Azure
- Module 2: Relational Data in Azure (09:45 – 11:15) • Azure SQL Database, Azure Database for PostgreSQL & MySQL • Database provisioning, security, and scalability
- Module 3: Lab – Create and Query a SQL Database (11:30 – 01:00) • Connect to and query an Azure SQL instance
- Module 4: Workshop – Relational Scenarios (02:00 – 03:30) • Choosing services for OLTP vs. OLAP workloads

Day 2: Non-Relational Data and Modern Analytics

- Module 4: Introduction to Non-Relational Data (07:30 – 09:30) • Document, key-value, graph, and columnar data models • Azure Cosmos DB overview and use cases
- Module 5: Analytics and Big Data Workloads (09:45 – 11:15) • Azure Synapse Analytics, Azure Data Lake, Azure Databricks • Data ingestion, transformation, and visualization basics
- Module 6: Lab – Explore Azure Synapse Studio (11:30 – 01:00) • Run analytics queries and visualize data sets
- Module 7: Workshop – Match Workloads to Services (02:00 – 03:30) • Mapping business needs to data service features

Day 3: Data Governance, Security, and Certification Prep

- Module 8: Data Security and Compliance (07:30 – 09:30) • Encryption, RBAC, firewalls, and network rules • Microsoft Purview and data governance
- Module 9: Preparing for DP-900 Certification (09:45 – 11:15) • Exam structure and key focus areas • Sample questions and preparation resources
- Module 10: Final Lab – End-to-End Data Scenario (11:30 – 01:00) • Simulate a project using relational + analytics services
- Module 11: Wrap-Up and Q&A (02:00 – 03:30) • Summary, tips, and open discussion

Certification

Participants will receive an Official Certificate of Completion for DP-900T00: Microsoft Azure Data Fundamentals and will be fully prepared to take the Microsoft DP-900 certification exam, validating their foundational understanding of data services in Microsoft Azure.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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