DP-900T00 Introduction to Microsoft Azure Data

Category: AI, Data & Analytics | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Certified: Azure Data Fundamentals
Related Exam:	DP-900

Course Overview

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.

About This Course

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Who Should Attend

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.

Prerequisites & Entry Requirements

General Prerequisites:

There are no prerequisites for the Microsoft Azure Data Fundamentals (DP-900) course. However, candidates should have some basic knowledge of computing and the internet, and an interest in data analysis. They should also be familiar with data-related concepts, such as working with spreadsheets and charts.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Describe core data concepts Identify considerations for relational data on Azure Describe considerations for working with non-relational data on Azure Describe an analytics workload on Azure

Detailed Course Outline

1 - Explore core data concepts

- Identify data formats
- Explore file storage
- Explore databases
- Explore transactional data processing
- Explore analytical data processing
- Module assessment

2 - Explore data roles and services

- Explore job roles in the world of data
- Identify data services
- Module assessment

3 - Explore fundamental relational data concepts

- Understand relational data
- Understand normalization
- Explore SQL
- Describe database objects
- Module assessment

4 - Explore relational database services in Azure

- Describe Azure SQL services and capabilities
- Describe Azure services for open-source databases
- Module assessment

5 - Explore Azure Storage for non-relational data

- Explore Azure blob storage
- Explore Azure Data Lake Storage Gen2
- Explore Microsoft OneLake in Fabric
- Explore Azure Files
- Explore Azure Tables
- Module assessment

6 - Explore fundamentals of Azure Cosmos DB

- Describe Azure Cosmos DB
- Identify Azure Cosmos DB APIs
- Module assessment

7 - Explore fundamentals of large-scale analytics

- Describe data warehousing architecture
- Explore data ingestion pipelines
- Explore analytical data stores

8 - Explore fundamentals of real-time analytics

- Understand batch and stream processing
- Explore common elements of stream processing architecture
- Explore Microsoft Fabric Real-Time Intelligence
- Explore Apache Spark structured streaming
- Module assessment

9 - Explore fundamentals of data visualization

- Describe Power BI tools and workflow
- Describe core concepts of data modeling
- Describe considerations for data visualization
- Module assessment

, Explore fundamental relational data concepts, Explore relational database services in Azure, Explore Azure Storage for non-relational data, Explore fundamentals of Azure Cosmos DB, Explore core data concepts, Explore data roles and services, Explore fundamentals of large-scale data warehousing, Explore fundamentals of real-time analytics, Explore fundamentals of data visualization, Explore relational data in Azure, Explore non-relational data in Azure, Explore data analytics in Azure

□□ Certification Path

Microsoft Certified: Azure Data Fundamentals

Exam: DP-900

Upcoming Schedule

Available training dates for DP-900T00 Introduction to Microsoft Azure Data:

Start Date	End Date	Location	Delivery	Price
07 Dec 2026	07 Dec 2026	Online	Virtual	€695.00
16 Apr 2027	16 Apr 2027	Virtual Classroom - Zoom	Virtual	€695.00
24 Sep 2027	24 Sep 2027	Virtual Classroom - Zoom	Virtual	€695.00

Frequently Asked Questions

Q: What delivery options are available for DP-900T00 Introduction to Microsoft Azure Data?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The DP-900T00 Introduction to Microsoft Azure Data course helps prepare you for the Microsoft Certified: Azure Data Fundamentals certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the DP-900 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day DP-900T00 Introduction to Microsoft Azure Data course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the DP-900T00 Introduction to Microsoft Azure Data training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for DP-900T00 Introduction to Microsoft Azure Data?

Yes, we provide corporate training, dedicated training, and closed classes for DP-900T00 Introduction to Microsoft Azure Data. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: DP-900T00: Introduction to Microsoft Azure Data, Microsoft, vILT, DP-900T00

Q: Why choose Nexus Human for DP-900T00 Introduction to Microsoft Azure Data?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your DP-900T00 Introduction to Microsoft Azure Data training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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