

## DP-900: Microsoft Azure Data Fundamentals (DP-900T00-AC) (EN)

### Group Training

|                    |                                      |
|--------------------|--------------------------------------|
| Training code      | CGADP900ME                           |
| Spoken Language    | English                              |
| Language Materials | English                              |
| Dayparts           | 2                                    |
| Price              | €800,00<br>excl. VAT No extra costs. |

### What is DP-900: Microsoft Azure Data Fundamentals (DP-900T00-AC)

In this course, students will 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. Students will identify and describe core data concepts such as relational, non-relational, big data, and analytics, and explore how this technology is implemented with Microsoft Azure. They will explore the roles, tasks, and responsibilities in the world of data. The students will explore relational data offerings, provisioning and deploying relational databases, and querying relational data through cloud data solutions with Microsoft Azure. They will explore non-relational data offerings, provisioning and deploying non-relational databases, and non-relational data stores with Microsoft Azure. Students will explore the processing options available for building data analytics solutions in Azure. They will explore Azure Synapse Analytics, Azure Databricks, and Azure HDInsight. Students will learn what Power BI is, including its building blocks and how they work together.

### Who should attend DP-900: Microsoft Azure Data Fundamentals (DP-900T00-AC)

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

Familiarity with computers and using a web browser.



## Objectives

After this course you'll be able to:

- Show foundational knowledge of cloud data services within Azure
- Identify and describe core data concepts such as relational, non-relational, big data, and analytics
- Explain how this technology is implemented with Azure
- Describe relational data offerings on Azure
- Explain provisioning and deploying relational databases on Azure
- Query relational data through cloud data solutions in Azure
- Describe non-relational data offerings on Azure
- Explain provisioning and deploying non-relational databases on Azure
- Describe non-relational data stores on Azure
- Describe processing options available for building data analytics solutions in Azure
- Describe Azure Synapse Analytics, Azure Databricks, and Azure HDInsight
- Explain what Microsoft Power BI is, including its building blocks and how they work together

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