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

Group Training

Training code	CGADP900ME
Spoken Language	English
Language Materials	English
Dayparts	2
Price	€600,00 excl. VAT No extra costs.

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

The DP-900: Microsoft Azure Data Fundamentals training is designed to provide students with a foundational understanding of database concepts in a cloud environment, primarily focusing on cloud data services within Microsoft Azure. The training covers core data concepts such as relational, non-relational, big data, and analytics, and how these technologies are implemented with Microsoft Azure. Students will also explore the roles, tasks, and responsibilities in the world of data, including relational data offerings, provisioning and deploying relational databases, and querying relational data through cloud data solutions with Microsoft Azure. The training also delves into non-relational data offerings, provisioning and deploying non-relational data stores with Microsoft Azure. Lastly, students will explore the processing options available for building data analytics solutions in Azure, including Azure Synapse Analytics, Azure Databricks, and Azure HDInsight, and learn about Power BI, its building blocks, and how they work together.

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

- Data Analysts: Professionals who manipulate data to identify business trends.
- Database Administrators: Individuals responsible for managing and maintaining databases.
- IT Professionals: Those who need to understand data-related operations in the cloud.
- Data Engineers: Professionals who design and build data processing systems.
- Business Intelligence Professionals: Individuals who use data to make informed business decisions.

Prerequisites

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Basic knowledge of cloud services and data handling is recommended.

Objectives

At the end of the training you will 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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