CertKit: Microsoft DP-900: Microsoft Azure Data Fundamentals

In this CertKit, 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.

Prerequisites:
Prerequisite certification is not required before taking this course. Successful Azure Data Fundamentals students start with some basic awareness of computing and Internet concepts, and an interest in extracting insights from data.
- Experience using a web browser, such as Microsoft Edge.
- Familiarity with basic data-related concepts, such as working with tables of data in a spreadsheet and visualizing data using charts.

Course outcome:
In this course, you will learn to:
- Describe core data concepts in Azure.
- Explain concepts of relational data in Azure.
- Explain concepts of non-relational data in Azure.
- Identify components of a modern data warehouse in Azure.

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.

CertKit content:
- E-learning courses:
  - DP-900 Azure Data Fundamentals: Data Workloads
  - DP-900 Azure Data Fundamentals: Data Analytics
  - DP-900 Azure Data Fundamentals: Relational Data Workloads
  - DP-900 Azure Data Fundamentals: Relational Data Management
  - DP-900 Azure Data Fundamentals: Provisioning & Configuring Relational Data Services
  - DP-900 Azure Data Fundamentals: Azure SQL Querying Techniques
  - DP-900 Azure Data Fundamentals: Non-relational Data Workloads
  - DP-900 Azure Data Fundamentals: Non-relational Data Services
  - DP-900 Azure Data Fundamentals: Azure Cosmos DB
  - DP-900 Azure Data Fundamentals: Non-relational Data Management
  - DP-900 Azure Data Fundamentals: Azure Analytics Workloads
  - DP-900 Azure Data Fundamentals: Modern Data Warehousing
  - DP-900 Azure Data Fundamentals: Azure Data Ingestion & Processing
  - DP-900 Azure Data Fundamentals: Azure Data Visualization
- MeasureUp Exam simulation
  - 150+ questions
- Tips & Tricks