DP-600: Implementing Analytics Solutions Using Microsoft Fabric

Course Overview

DP-600 course covers methods and practices for implementing and managing enterprise-scale data analytics solutions using Microsoft Fabric. Students will build on existing analytics experience and will learn how to use Microsoft Fabric components such as enabling workspaces, create lakehouses, data warehouses, notebooks, dataflows, data pipelines, semantic models, and PowerBI Reports to create and deploy analytics assets. They also learn to implement analytics best practices in Fabric, including version control and deployment.

DP-600 course can be taken as a step-in learning about roles in cloud data services and Microsoft Fabric such as Data Engineer or Data Scientist, before taking further Microsoft Fabric courses.

Fabric Analytics Engineers collaborate with other professionals, such as Solution architects, Data engineers, Data scientists, AI engineers, Database administrators, Power BI data analysts to build end to end data solutions, using Microsoft Fabric.

Key Features

- Our DP-600 exam certification course modules have 50% -60% hands-on lab sessions to encourage Thinking-Based Learning (TBL).
- The training on exam DP-600: Microsoft Fabric Analytics Engineer is delivered by certified instructor to support Competency-Based Learning (CBL) modules.

- Integrated teaching assistance and support through expert designed Learning Management System (LMS) and ExamReady platform.
- Interactive-rich virtual and face-to-face classroom teaching to inculcate Problem-Based Learning (PBL) in this new course by Microsoft.
- This new Microsoft certifications course consists of well-structured use-cases to simulate challenges encountered in a Real-World environment.
- Being a Microsoft Learning Partner gives us competitive edge in delivering the best training on this newly announced course from Microsoft.

Who should Enroll for this Course?

This course is intended for the following audience:

- Data Analysts
- Data Engineers
- Analytics Engineers
- Data Stewards

Prerequisites

- Students have a foundational knowledge of Azure Data Platform (refer DP-900 course).
- Awareness of functioning of Azure Synapse Analytics and PowerBI is an added advantage.
- Working knowledge on T-SQL, PySpark and DAX is also beneficial.

Module 1

- Explore end-to-end analytics in Microsoft Fabric
- Administer Microsoft Fabric

Module 2

- Ingest data with Dataflows (Gen2) in Microsoft Fabric
- Ingest data Spark and Microsoft Fabric notebooks
- Use Data Factory pipelines in Microsoft Fabric

Module 3

- Get started with lakehouses in Microsoft Fabric
- Organize a Fabric lakehouse using medallion architecture

Module 4

- Use Apache Spark in Microsoft Fabric
- Work with Delta Lake tables in Microsoft Fabric
- Secure your Fabric lakehouse

Module 5

- Get started with data warehouses in Microsoft Fabric
- Load data into a Microsoft Fabric data warehouse

Module 6

- Query a data warehouse in Microsoft Fabric
- Monitor and optimize a Microsoft Fabric data warehouse
- Secure your Fabric data warehouse

Module 7

- Understand scalability in Power BI
- Create Power BI model relationships
- Use tools to optimize Power BI performance

Module 8

- Enforce Power BI model security

About CloudThat

CloudThat is the first company in India to offer Cloud Training & Consulting services for mid-market & enterprise clients from across the globe. Since our inception in 2012, we have trained over 500K IT professionals from fortune 500 companies on technologies such as Microsoft Azure, Amazon Web Services, VMware, Artificial Intelligence, Machine Learning, Google Cloud, IoT, OpenStack, OpenShift, DevOps, Big Data, Kubernetes, and more.

With an expertise in major Cloud platforms, CloudThat is a proud Microsoft Gold Partner, AWS Authorized Training Partner, VMware Authorized Training Reseller, and Google Cloud Platform Partner. Till date we have conducted successful corporate training for some of the fortune 500 companies which includes Accenture, Deloitte, Infosys, Fidelity, HCL, Intuit, GE, TCS, HP, SAP, Oracle, Western Union, Philips, Flipkart, L&T and Samsung, just to name a few. We have presence in Bengaluru, Mumbai, USA & UK, offering on-site and pre-scheduled public batches in different IT centric cities of India and Overseas. Overseas.

Our Success Track

12+ Years of Experience	**200+** Corporates served	**30+** countries catered
750K+ Professionals trained	**350+** Projects delivered	**600+** Cloud certifications

To know more about our cloud certification training, email at **sales@cloudthat.com** or call us at **+918880002200.**