Course Contents

Microsoft
Learning Partner

DP-600: Microsoft Fabric Analytics Engineer

Duration: **4 Days**	**Level**: **Advanced**	**Role**: **Data Engineer**
Certification: **Available**	**Public Schedules**: View Dates	**Private Delivery:** Reach Us

What's included?

- ✓ Learn from Microsoft Certified Trainer (MCT's)
- ✓ 24x7 Lab Access
- ✓ Official Courseware
- ✓ Exam Preps / Practice Tests
- ✓ Badges & Completion Certificate
- ✓ Discounted Exam Vouchers

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Data & AI
Azure

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Overview

This 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, including lakehouses, data warehouses, notebooks, dataflows, data pipelines, and semantic models, to create and deploy analytics assets.

This course is best suited for those who have the PL-300 certification or similar expertise in using Power BI for data transformation, modeling, visualization, and sharing. Also, learners should have prior experience in building and deploying data analytics solutions at the enterprise level.

Audience Profile

The primary audience for this course is data professionals with experience in data modeling, extraction, and analytics. DP-600 is designed for professionals who want to use Microsoft Fabric to create and deploy enterprise-scale data analytics solutions.

Contents

- Ingest Data with Dataflows Gen2 in Microsoft Fabric

- Ingest data with Spark and Microsoft Fabric notebooks

- Use Data Factory pipelines in Microsoft Fabric

- Get started with lakehouses in Microsoft Fabric

- Organize a Fabric lakehouse using medallion architecture design

- Use Apache Spark in Microsoft Fabric

- Work with Delta Lake tables in Microsoft Fabric

- Get started with data warehouses in Microsoft Fabric

- Load data into a Microsoft Fabric data warehouse

- Query a data warehouse in Microsoft Fabric

- Monitor a Microsoft Fabric data warehouse

- Understand scalability in Power BI

- Create Power BI model relationships

- Use tools to optimize Power BI performance

- Enforce Power BI model security

About GTech Learn

Established in 2011 in the USA, GTech Learn is one of the leading IT training organizations in North America & South East Asia. Driven by its unique USPs, GTech Learn is spurring competition, meeting the unmet needs of customers, assisting in skills upgrade, and supplementing talent pools with its presence in the USA, Canada, Singapore and India. This is consistent with our vision to help our Learners with skills upgrade for enhanced career opportunities.

As a Microsoft Learning Partner, we offer a broad range of learning solutions across the full Microsoft technology stack that can be customized.

Since 2011, GTech Learn has been developing custom-fit learning solutions that involve creating and delivering maximum results.

We have successfully helped all types of businesses, government entities, and individuals. For this reason, GTech has chosen by Microsoft to deliver comprehensive learning programs around the globe.

With flexible learning options, state-of-the-art delivery methods, numerous language preferences, experienced instructors, and complete dedication to our students, GTech Learn has the capabilities to help students develop their Microsoft skill sets and achieve increasingly high standards of productivity while organizations of all sizes realize the full potential of their technology investments.
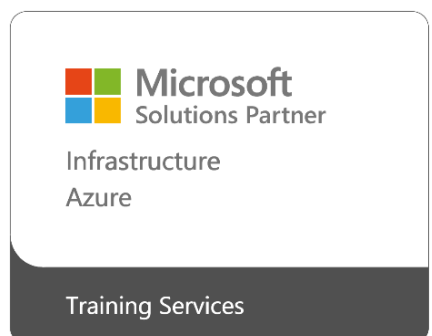
Our Accreditations with Microsoft

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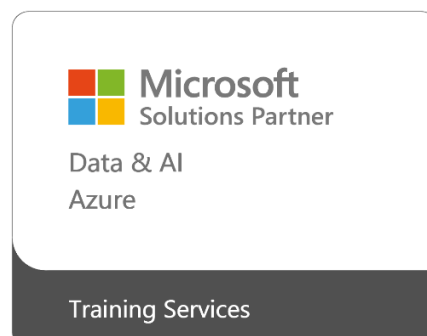Modern Work
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