

Microsoft Fabric



Data
Factory



Synapse Data
Engineering



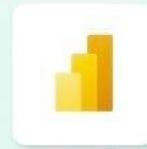
Synapse Data
Science



Synapse Data
Warehouse



Synapse Real
Time Analytics



Power BI



Data
Activator

DP-600T00: Microsoft Fabric Analytics Engineer

Overview

This course covers methods and practices for implementing and managing enterprise-scale data analytics solutions using Microsoft Fabric. Students will learn how to use Fabric dataflows, pipelines, and notebooks to develop analytics assets such as semantic models, data warehouses, and lakehouses. This course is designed for experienced data professionals skilled at data preparation, modeling, analysis, and visualization, such as the PL-300: Power BI Data Analyst certification.

Prerequisites

- Familiarity with data analysis and reporting tools
- Basic understanding of Microsoft Power BI
- Experience with data modeling concepts
- Knowledge of SQL and cloud computing fundamentals is helpful

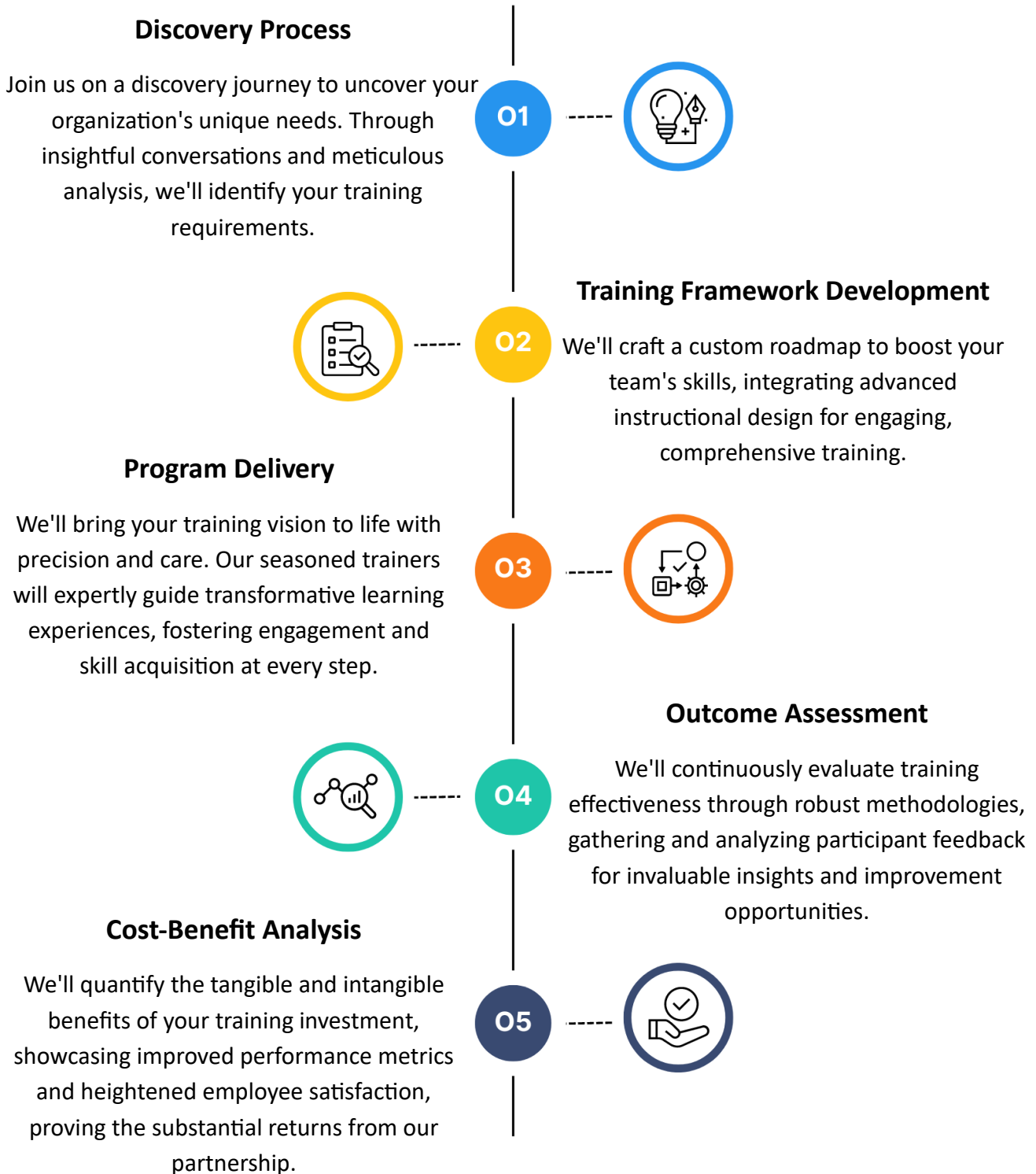
Course Level

- Advanced

Course Duration

- 4 Days – 32 Hours

Creating Tailor - Made Training Programs to Meet Your **Specific Goals**



Course Outline

The **DP-600T00: Microsoft Fabric Analytics Engineer** course is designed for professionals who want to build expertise in designing, developing, and deploying end-to-end analytics solutions using **Microsoft Fabric**, an all-in-one analytics platform. The course equips learners with the knowledge and skills to work across data engineering, data science, and business intelligence roles, using Microsoft Fabric's integrated services such as **Data Factory, Synapse Data Engineering, Data Science, Real-Time Analytics, Power BI, and Data Activator**.

This training prepares candidates for the **Microsoft Certified: Fabric Analytics Engineer Associate** certification.

Module 1: Explore end-to-end analytics with Microsoft Fabric

- Lesson: Describe end-to-end analytics in Microsoft Fabric.
- Lesson: Understand data teams and roles that use Fabric.
- Lesson: Describe how to enable and use Fabric.
- **Lab:** Create and ingest data with a Microsoft Fabric lakehouse
- **Lab:** Create and use a Dataflow Gen2 in Microsoft Fabric
- **Lab:** Ingest data with a pipeline
- **Lab:** Analyze data with Apache Spark

Module 2: Implement a data warehouse with Microsoft Fabric

- Lesson: Get started with data warehouses in Microsoft Fabric
- Lesson: Load data into a Microsoft Fabric data warehouse
- Lesson: Query a data warehouse in Microsoft Fabric
- Lesson: Monitor a Microsoft Fabric data warehouse
- Lesson: Secure a Microsoft Fabric data warehouse
- **Lab:** Analyze data in a data warehouse
- **Lab:** Load data into a data warehouse in Microsoft Fabric
- **Lab:** Query a data warehouse in Microsoft Fabric
- **Lab:** Monitor a data warehouse in Microsoft Fabric
- **Lab:** Secure a warehouse in Microsoft Fabric

Module 3: Work with semantic models in Microsoft Fabric

- Lesson: Add measures to Power BI semantic models
- Lesson: Design scalable semantic models
- Lesson: Optimize a model for performance in Power BI
- Lesson: Create and manage Power BI assets
- Lesson: Enforce semantic model security
- **Lab:** Create DAX calculations in Power BI Desktop
- **Lab:** Design a scalable semantic model
- **Lab:** Create reusable Power BI assets
- **Lab:** Enforce model security

Module 4: Administer and govern Microsoft Fabric

- Lesson: Get started with Real-Time Intelligence with Microsoft Fabric
- Lesson: Secure data access in Microsoft Fabric
- Lesson: Administer Microsoft Fabric
- **Lab:** Get started with Real-Time Intelligence in Microsoft Fabric
- **Lab:** Secure data access in Microsoft Fabric

Indus Tech Services

Who We Are....

Indus Tech Services is an IT company that specializes in providing comprehensive training, consulting & implementation services for software solutions designed to address the diverse business challenges faced by organizations today. With a passion for technology and a deep understanding of business processes, Indus Tech is committed to empowering businesses to optimize their operations, boost productivity, and drive sustainable growth.

Indus Tech Services and Microsoft Partnership

As a proud **Microsoft Partner**, **Indus Tech Services** is uniquely equipped to deliver top-tier training and certification programs designed to meet the evolving needs of today's workforce. Our partnership with Microsoft allows us to offer direct access to the latest tools, resources, and industry insights, ensuring that our courses are aligned with the most current technology trends. This collaboration enables us to provide unparalleled support to our students, helping them gain the skills and knowledge required to excel in their careers. By choosing Indus Tech Services, you're not just learning; you're gaining a competitive edge with Microsoft-backed expertise and certification.

Why Choose Us...

From time to time, life serves up a profound nudge, urging us to step beyond our routines and make a difference in the world. Indus Tech Services emerged from one such compelling wake-up call. We are not just a company; we are a dedicated force with a belief in providing solutions to organizations, regardless of their size, and we infuse a human touch into everything we do.

Our Expertise

With over 25 years of collective experience navigating the intricacies of daily business transactions, irrespective of geographical, cultural, time zone, or language barriers, our team has honed their expertise to meet any challenge head-on. This wealth of experience has armed our resources with an unparalleled understanding and skill set to tackle a broad spectrum of obstacles.

Training

With two decades of unwavering commitment and a global footprint, our company is a true pioneer in the fields of linguistic, transactional, technical, and behavioural training for some of the world's largest corporate entities. Our unparalleled expertise has been refined through years of dedication and innovation, making us the go-to choice for businesses seeking transformative training solutions.

Consulting

Our company has been at the forefront of providing world-class IT consulting services to organizations spanning the globe. With an extensive and proven track record, we have honed our expertise to meet the ever-evolving technological needs and challenges faced by businesses, regardless of their scale or industry.

Implementation

Our experience covers a broad spectrum of IT implementation services, including system integration, software deployment, network architecture, cloud migration, and infrastructure setup. We understand that the successful execution of IT projects is pivotal to an organization's growth and efficiency. Therefore, we bring a depth of knowledge and a commitment to delivering results that set us apart.

To know more contact us at info@industechservices.com or call us at +91 - 99961 61170.