

KOENIG SOLUTIONS • COURSE OUTLINE

# Exploring Microsoft Fabric in a Day

Learn to navigate Microsoft Fabric, from Lakehouse and OneLake storage to Data Factory pipelines and Power BI dashboards.

**8 Hours**

DURATION

**4**

MODULES

**18**

TOPICS

## COURSE OVERVIEW

This one-day training introduces Microsoft Fabric—a unified analytics platform that integrates data ingestion, storage, processing, and visualization. The course covers foundational concepts and walks through core components such as the Lakehouse architecture, Data Factory for ingestion and transformation, OneLake as a centralized storage layer, and Power BI for building reports on Fabric data. Designed for data professionals, this course emphasizes hands-on understanding and platform-wide integration.

## WHO THIS COURSE IS FOR

Data Engineers

Data Analysts

Data Scientists

BI Developers

## LEARNING OBJECTIVES

By the end of the course, participants will be able to:

- Describe the architecture and components of Microsoft Fabric
- Understand the role of Lakehouse and OneLake in unified storage
- Build simple pipelines for data ingestion and transformation using Data Factory
- Connect Power BI to Fabric and build basic dashboards
- Explain how Microsoft Fabric unifies workflows across engineering and analytics roles

## 4 Modules, 18 Topics

01

### Introduction to Microsoft Fabric

#### TOPICS

- What is Microsoft Fabric and why it matters
- Evolution from Azure Synapse and Power BI
- Components of the unified platform
- Role-specific benefits for engineers, analysts, and scientists

02

### Lakehouse & OneLake – Core Concepts

#### TOPICS

- Lakehouse architecture overview
- **Storage layers:** bronze, silver, gold approach
- OneLake as the unified, multi-tenant storage
- **Delta Tables:** structure, versioning, and benefits

03

### Data Factory Pipelines – Ingestion & Transformation

#### TOPICS

- Data Factory overview in Fabric
- No-code and low-code ingestion workflows
- Connecting to external structured/unstructured sources
- Dataflow activities and transformation basics
- **Demo:** Creating a basic pipeline for ingestion and cleanup

04

## Power BI Dashboards – Visualization in Fabric

### TOPICS

- Overview of Power BI integration with Fabric
- Connecting Power BI to Delta Tables
- Creating semantic models in Power BI
- Building simple dashboards over Lakehouse data
- **Demo:** Publish and share a Fabric-connected report

### WHAT IS INCLUDED

## Everything You Need to Succeed

- Koenig course material for every module
- Hands-on exercises throughout the course
- Delivery by certified instructors and subject matter experts
- Course completion certificate from Koenig

### ABOUT KOENIG

## Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

### FLEXIBLE DELIVERY

## Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

## Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

Visit [koenig-solutions.com](https://koenig-solutions.com)

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