

MICROSOFT OFFICIAL CURRICULUM

Microsoft

DP-604T00

Implement a data science and machine learning solution for AI with Microsoft Fabric

Official Microsoft Learn-aligned instructor-led program for Implement a data science and machine learning solution for AI with Microsoft Fabric.

Data

Beginner

Microsoft Fabric

DURATION

1 day

LEVEL

Beginner

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

DP-604T00

AUDIENCE PROFILE

Built for these roles

This course is intended for data professionals and practitioners who regularly work with machine learning models and are responsible for building, evaluating, and deploying data science solutions. Students should already be familiar with the data science process, Python, and common open-source machine learning frameworks such as scikit-learn.

OVERVIEW

Executive overview

This course is designed to build practical skills in implementing data science and machine learning solutions using Microsoft Fabric. The course explores the complete end-to-end data science process, from understanding and exploring data to preparing and transforming datasets for analysis. Students will learn how to train, evaluate, and track machine learning models, as well as how to deploy those models and generate predictions using Microsoft Fabric tools and capabilities.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Strengthen capability in data scenarios
- Strengthen capability in microsoft fabric scenarios
- Strengthen capability in role-based scenarios

TALK TO US

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OFFICE

DLF Cyber City, Gurugram
Haryana — India
Azure · AI · Data · Power Platform

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Builds current Microsoft credential readiness for Implement a data science and machine learning solution for AI with Microsoft Fabric using the official Microsoft Learn outline.

Customization options

- Align labs to your production environment and platform priorities
- Add readiness reviews and instructor-led practice sessions
- Extend into project-specific architecture or delivery coaching

CURRICULUM

Curriculum roadmap

1

MODULE 1

Implement a data science and machine learning solution for AI in Microsoft Fabric

Explore the data science process and learn how to train machine learning models to accomplish artificial intelligence in Microsoft Fabric. (DP-604T00)

- Introduction to end-to-end analytics using Microsoft Fabric
- Get started with data science in Microsoft Fabric
- Explore data for data science with notebooks in Microsoft Fabric
- Preprocess data with Data Wrangler in Microsoft Fabric
- Train and track machine learning models with MLflow in Microsoft Fabric
- Generate batch predictions using a deployed model in Microsoft Fabric

PRIVATE DELIVERY

Plan a private cohort for your team

Scope delivery format, role mix, and rollout timeline with our solutions team.

[Plan Private Delivery](#)

[Book advisory call](#)

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