

Microsoft Power Platform Fundamentals

Course Duration: 8 Hrs.

Course Code: PL-900T00

Course Overview

The PL-900T00: Microsoft Power Platform Fundamentals Course is designed to provide learners with a comprehensive introduction to Microsoft Power Platform and its main components. The course examines the capacity of platforms to automate procedures, analyze data and create a rapid no-code or low-code applications.

Course Content

Module-01: Describe the business value of the Microsoft Power Platform

- Introduction
- Explore Microsoft Power Platform
- Describe the business value of the Power Platform
- Explore connectors and Microsoft Dataverse
- Use Artificial Intelligence to increase productivity
- Explore the business value of the Power Fx
- Describe how Power Platform works with Microsoft 365 apps and services
- Explore how Power Platform works with Microsoft Teams
- Describe how Power Platform works with Microsoft Dynamics 365 apps
- Explore how Microsoft Power Platform apps work together

Module 02: Identify foundational components of Microsoft Power Platform

- Introduction
- Describe Power Platform administration
- Describe Power Platform security and governance
- Explore Microsoft Dataverse
- Examine Power Platform connectors
- Exercise - Build a basic Dataverse data model

Module-03 Describe how to build applications with Microsoft Power Apps

- Introduction
- Describe Power Apps
- Explore canvas applications
- Differentiate between canvas apps and model-driven apps
- Build a basic canvas app
- Exercise: Build a canvas app
- Build a basic model-driven app
- Exercise: Build a basic model-driven app

Module-04: Describe building automation with Microsoft Power Automate

- Introduction
- Describe the capabilities of Power Automate
- Explore the different Power Automate apps
- Describe the components of cloud flow
- Consider Power Automate scenarios
- Describe process mining
- Build a basic Power Automate cloud flow
- Build a cloud flow with Copilot
- Build a Desktop flow
- Exercise: Build a basic Power Automate flow
- Describe the business value of Power Automate

Module-05: Describe the capabilities of Microsoft Power BI

- Introduction
- Describe using Power BI to build data-driven analytics
- Explore the different Power BI elements
- Describe cleaning and transforming data in Power BI Desktop
- Describe using AI Insights to spot trends and anomalies
- Build a basic dashboard
- Consider the business value of Power BI

Module-06: Demonstrate the capabilities of Microsoft Power Pages

- Introduction
- Explore Power Pages
- Describe the business value of Power Pages
- Build a Power Pages site
- Use cases to use Copilot to streamline the process of building a Power Pages site

Module-07: Describe the AI authoring experience in Power Platform

- Introduction
- Explore Copilot Studio
- Describe the components of Copilot Studio
- Create a basic copilot
- Describe use cases for Generative AI bots
- Describe AI Builder
- Describe the lifecycle to create an AI Builder model