Introduction to Microsoft Power Platform (PL-900) Training

Duration: **1 Day**

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Overview

Please note: Microsoft is reducing the official duration of this course from **two days to one day from 24 July 2026**. Courses delivered after this date will follow the updated duration.

This course introduces the core business value and capabilities of **Microsoft Power Platform**. Participants explore how to connect and manage data with Dataverse, create Canvas and Model-Driven Apps, automate business processes with Power Automate, and build web-based solutions with Power Pages.

The programme also explains how the different Power Platform services work together to support tailored business solutions. Learners explore how organisations can improve the use of data, streamline processes, enable customer self-service, and increase productivity through Copilot and Generative AI capabilities.

Prerequisites

There are no specific prerequisites for attending this course.

Who Should Attend

This course is particularly suitable for:

- Individuals beginning their Microsoft Power Platform learning journey,
- Professionals interested in low-code and no-code development,
- Users who want a foundation in Power Apps, Power Automate, Power Pages, and Dataverse,
- Learners who want to build knowledge aligned with the PL-900 syllabus.

What You Will Learn

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

- Explain the business value of Microsoft Power Platform services,
- Connect data using Dataverse and Connectors,
- Create simple Canvas and Model-Driven Apps,
- Automate business processes with Power Automate,
- Build and secure Power Pages sites,
- Integrate Power Platform with Microsoft 365 and on-premises solutions,
- Understand core Power Platform Administration and Governance concepts.

Outline

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1. Business Value of Microsoft Power Platform

- Common challenges in building efficient business solutions
- Requirements for workflow automation and data analysis
- How Microsoft Power Platform addresses these needs
- Understanding Connectors
- The role of Dataverse
- Power Fx as a low-code development approach
- How Power Platform services work together
- The value of Copilot and Generative AI features
- Writing effective Copilot Prompts

2. Extending Business Solutions with Microsoft Power Platform

- Integration with Microsoft 365 applications and services
- Introduction to Microsoft Copilot Studio
- Connecting with on-premises solutions
- Exploring Plan Designer capabilities

3. Introduction to Microsoft Dataverse

- Comparing traditional databases with Dataverse
- Dataverse Tables
- Columns
- Relationships
- Business Logic options
- Importing data
- Exporting data
- Creating and modifying Tables and Columns through conversation

4. Power Platform Administration and Governance

- Power Platform Security Model
- Environments
- Admin Centers
- Administration portals
- Data Privacy
- Accessibility Guidelines
- Application Lifecycle Management (ALM)
- Governance across Power Platform environments

5. Microsoft Power Pages Capabilities

- Common Power Pages use cases
- Types of solutions that can be created with Power Pages
- Methods for creating sites
- Power Pages Security concepts

6. Building a Microsoft Power Pages Site

- Creating Power Pages sites with Copilot
- Developing sites with Design Studio
- Creating Tables

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- Creating Pages
- Configuring Site Components
- Applying Themes
- Implementing Power Pages Security

7. Microsoft Power Apps Capabilities

- Introduction to Power Apps
- Canvas App use cases
- Model-Driven App use cases
- Model-Driven App features
- Key differences between Canvas and Model-Driven Apps

8. Building a Canvas App

- Connecting to Data Sources using Connectors
- Creating an app from data
- Using Common Controls
- Building Responsive Pages
- Creating and modifying apps through conversation
- Copilot Controls
- Agent Builder
- Previewing apps
- Testing apps
- Publishing apps
- Sharing apps

9. Microsoft Power Automate Components

- Introduction to Power Automate
- Cloud Flow use cases
- Desktop Flow use cases
- Cloud Flow Templates
- Triggers
- Actions
- Loops
- Branching
- Approvals
- Power Automate Apps
- Desktop Flow Actions

10. Building a Microsoft Power Automate Flow

- Creating Cloud Flows with different Triggers
- Modifying Cloud Flows with Copilot
- Testing flows
- Running flows
- Monitoring flows
- Sharing flows
- Using Copilot to describe existing flows
- Building basic Desktop Flows with Copilot

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Hands-On Learning

The course includes practical activities designed to reinforce the main Power Platform concepts.

Example exercises include:

- Creating and modifying Tables and Columns in Dataverse,
- Building Canvas Apps,
- Creating Power Pages sites,
- Developing Power Automate Flows with Copilot.

Exams and Assessments

Module-based assessments are included throughout the course.

The PL-900 exam is available separately and is not included with this course.