



# PL-900: Microsoft Power Platform Fundamentals

## 2-3 Days

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### Overview

Microsoft Power Platform empowers users across departments to streamline processes, gain insights, and build custom business solutions with low-code tools.

In this course, you'll explore the full capabilities of Power Platform, including Power Apps, Power Automate, Power BI, Power Pages, and Copilot Studio. You'll learn how to build basic apps, automate tasks, and create powerful dashboards using real-world scenarios. Ideal for both technical and non-technical users, this training prepares you for the PL-900 certification and unlocks a future of smarter, faster digital workflows.

### Audience Profile

This course helps learners understand how Microsoft Power Platform technologies can be used to develop tailored business solutions. It covers how to optimize the use of data by using Microsoft Dataverse and connectors and accelerate business outcomes by using Microsoft Power Apps for low code/no code solutions. Additionally, it covers how to improve processes by using Microsoft Power Automate, enable customer self-service by using Microsoft Power Pages, and boost productivity by using copilots. This course is intended for those seeking to start their journey building solutions with Microsoft Power Platform.

### Why the variable days

This gives you the opportunity to expand the course to experience more real-world examples, including your own projects through a mentoring approach. It also allows for guided Hands-On Labs during class time, so the student finishes the exercises with training assistance from the instructor and is not left to complete the learning process on their own time.

### Agenda

#### Describe the Business Value of Microsoft Power Platform

- Explore Microsoft Power Platform and Dataverse
- Examine business use cases and AI capabilities
- Understand integration with Microsoft 365, Teams, Dynamics 365, and Azure

#### Identify Foundational Components

- Explore Power Platform security and governance
- Understand Dataverse and connector functionality
- Learn Power Platform administration fundamentals

### **Build Applications with Microsoft Power Apps**

- Understand canvas vs. model-driven apps
- Create basic Power Apps from scratch
- Explore Power Fx and Copilot assistance

### **Build Automation with Power Automate**

- Explore cloud and desktop flows
- Create automated workflows with Copilot
- Understand process mining and flow components

### **Build Dashboards with Power BI**

- Use Power BI Desktop to transform and visualize data
- Build a dashboard
- Apply AI insights to uncover trends and anomalies

### **Explore Power Pages**

- Understand the business value of external-facing websites
- Build a simple Power Pages site with Copilot
- Identify common use cases

### **Understand AI Authoring in Power Platform**

- Explore Copilot Studio and AI Builder
- Create generative AI bots
- Understand the lifecycle of AI model development