

Exam PL-900: Introduction to Microsoft Power Platform

Course description

Microsoft Power Platform empowers organizations to transform business processes through low-code development and AI-driven capabilities. Throughout this learning path, you'll learn about the platform's key products, explore data management with Microsoft Dataverse, build apps with Power Apps, automate processes with Power Automate, and create intelligent AI agents using Copilot Studio. You'll also understand how administrators secure, govern, and manage Power Platform environments to ensure compliance and scalability.

- Course level: Fundamental
- Duration: 1 day

Activities

This course includes presentations, hands-on labs, demonstrations, and group exercises.

Course objectives

After completing this course, learners will be able to:

- Describe the business value and capabilities of Microsoft Power Platform.
- Identify the core components of Power Platform, including Power Apps, Power Automate, Power BI, Microsoft Dataverse, and Copilot Studio.
- Explains how Microsoft Dataverse stores, secures, and manages business data.
- Describe the capabilities and use cases of Power Apps for building low-code business applications.

- Explain how Power Automate can be used to automate business processes and workflows.
- Describe how Power BI helps organizations analyze data and generate actionable insights.
- Understand how Copilot Studio enables the creation and deployment of AI-powered agents and copilots.
- Recognize the role of AI and Copilot capabilities across Power Platform products.
- Describe security, governance, administration, and environment management within Power Platform.
- Identify common business scenarios where Power Platform can improve productivity, efficiency, and decision-making.
- Prepare for the PL-900: Microsoft Power Platform Fundamentals certification exam.

Intended audience

- Anyone interested in pursuing the Microsoft Certified Power Platform Fundamentals certification.
- Anyone interested in learning more about the Microsoft Power Platform including Power Apps, and Power Automate.

Prerequisites

- None

Course outline

Module 1: Describe the business value of Power Platform

- Introduction
- Describe the value of Microsoft Power Apps to build applications
- Describe the value of Microsoft Power Automate to automate processes
- Describe the value of Microsoft Power Pages to build websites
- Describe the value of Microsoft Dataverse to organize business data
- Describe the value of Copilot Studio to create agents
- Describe the value of copilots and generative AI features in Microsoft Power Platform
- Describe the value of connectors to integrate services and data for apps and flows
- Describe the value of Plan Designer

Module 2: Describe Microsoft Dataverse

- Introduction
- Describe differences between traditional databases and Dataverse
- Describe tables, columns, and relationships in Dataverse
- Describe the options for business logic in Dataverse
- Describe table forms and views
- Create and edit tables, columns, and relationships through conversations
- Describe Power Fx

Module 3: Describe Power Platform governance and administration

- Introduction
- Describe Power Platform environments
- Describe the Microsoft Power Platform security model
- Describe how Microsoft Power Platform supports data privacy and accessibility guidelines
- Describe the monitoring and analytics capabilities of the Microsoft Power Platform
- Describe application lifecycle management with Power Platform Pipelines

Module 4: Identify basic Microsoft Power Apps capabilities

- Introduction
- Describe use cases and capabilities of canvas apps
- Describe use cases and capabilities of model-driven apps
- Describe use cases of code apps
- Create a canvas app through conversations
- Create a model-driven app through conversations

Module 5: Identify Microsoft Power Automate components

- Introduction
- Describe use cases for cloud and desktop flows
- Describe Power Automate use cases
- Describe triggers for cloud flows
- Describe actions for cloud flows
- Create cloud flows with Copilot
- Create desktop flows with Copilot
- Describe building cloud flows

Module 6: Understand features of Copilot Studio agents

- Introduction
- Describe use cases for agents
- Describe how Copilot Studio uses and processes data
- Describe how knowledge, tools, and MCP servers extend agent capabilities
- Describe how to monitor Copilot Studio agent usage and adoption
- Describe agent flows
- Describe the agent development process and build an agent

