Introduction to Microsoft Power Platform (PL-900)

Duration: 1 Day Course Code: M-PL900

Overview:

This course introduces the core components of the Power Platform and their business value, including Power Apps, Power Automate, Power BI, Power Pages, and Dataverse. It's designed for beginners to understand how low-code solutions can analyze data, automate processes, and build simple business applications
PL-900 is designed for learners starting their low code journey. The course focuses on understanding the business value and core capabilities of the Power Platform, including building apps with Power Apps, automating workflows with Power Automate, analyzing data using Power BI, creating websites with Power Pages, managing data in Dataverse, and using Copilot Studio to enhance productivity with AI powered solutions.

Updated July 2026

Target Audience:

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.

Objectives:

- **By the end of this course, learners will be able to:**
- **Describe the business value of Microsoft Power Platform**, including how its services work together to support digital transformation and productivity improvements.
- **Identify the core components of the Power Platform**, including Power Apps, Power Automate, Power BI, Power Pages, Microsoft Dataverse, connectors, and Copilot features.
- **Explain the capabilities of Microsoft Power Apps** for building low code canvas and model driven applications.
- **Explain how Microsoft Power Automate enables workflow automation**, including common use cases for cloud and desktop flows.
- **Describe the capabilities of Microsoft Power BI** for analyzing data and creating reports and dashboards.
- **Describe how Microsoft Power Pages enables low code website creation** and supports external facing business scenarios.
- **Explain the role of Microsoft Dataverse** in storing, managing, and securing business data across Power Platform solutions.
- **Describe how Copilot and Copilot Studio enhance productivity**, enabling AI assisted solution building and conversational experiences.
- **Understand basic Power Platform administration, security, and governance concepts** relevant to environments and data access.
- **Prepare for the Microsoft PL 900 certification exam by understanding exam** domains, terminology, and real world business scenarios.

Prerequisites:

Learners should have a basic understanding of business processes and an interest in using Microsoft Power Platform to create apps, automate workflows, analyze data, and build business solutions

Testing and Certification

- Microsoft Certified: Power Platform Fundamentals

Follow-on-Courses:

Recommended next courses based on career path:

- PL-100: Microsoft Power Platform App Maker

For learners who want to build business applications, automate processes, and work extensively with Power Apps and Power Automate.

- PL-600: Microsoft Power Platform Solution Architect

Advanced-level certification for experienced professionals responsible for architecting enterprise Power Platform solutions.

- PL-500: Microsoft Power Automate RPA Developer

For learners focused on robotic process automation (RPA) and advanced workflow automation.

Content:

Module 1: Describe the business value of Microsoft Power Platform

- 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

- Explain the core capabilities and business value of Microsoft Dataverse as a data platform for Power Platform solutions.
- Identify and work with the structural components of Dataverse, including tables, columns, rows, and relationships.
- Choose the right business logic approach—business rules, Power Fx, or Power Automate—for common data scenarios.
- Describe how forms and views support data entry and data display in model-driven apps.
- Use Copilot to create and refine Dataverse tables using natural language prompts.

Module 3: Describe Power Platform governance and administration

- Describe Power Platform environments and the role they play in organizing and governing resources.
- 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

- Describe the use cases and capabilities of canvas apps.
- Describe the use cases and capabilities of model-driven apps.
- Describe the use cases and capabilities of code apps.
- Create a canvas app through conversations with Copilot.
- Create a model-driven app through conversations with Copilot.

Module 5: Identify Microsoft Power Automate components

- Describe use cases for cloud flows and desktop flows.
- Describe Power Automate use cases for approvals, Microsoft Teams, Outlook, SharePoint, Forms, and document automation.
- Describe triggers for cloud flows.
- Describe actions for cloud flows.
- Create and modify cloud flows through conversations with Copilot.
- Create and modify desktop flows with Copilot.
- Describe how to build cloud flows using the designer.

Module 6: Understand features of Copilot Studio agents

- Identify common business use cases for conversational and autonomous agents.
- Explain how Copilot Studio handles organizational data securely.
- Describe the end-to-end data flow when a user interacts with a Copilot Studio agent.
- Describe how knowledge sources and tools extend agent capabilities.
- Explain how MCP servers connect agents to live enterprise data.
- Use built-in analytics to monitor agent performance and track adoption.
- Describe agent flows and when to use them for deterministic automation.
- Create and run agent evaluations using test sets to validate agent quality.
- Follow the recommended agent development process from design through deployment.
- Describe how to build an agent in Copilot Studio using natural language and the low-code canvas.

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

info@globalknowledge.co.uk

www.globalknowledge.com/en-gb/

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK