

# Microsoft Power Platform Fundamentals (PL-900)

## Description

### Develop your skills with Microsoft Power Platform

Discover how to leverage Microsoft Power Platform to transform your daily business processes. This course, “Microsoft Power Platform Fundamentals (PL-900)”, is designed to provide you with essential foundations. You will learn how to create simple applications, automate your workflows, and analyze your strategic data.

With intuitive tools like Power Apps, Power Automate, Power BI, and Power Pages, you will boost your efficiency across all your activities. You will also discover how to connect your data with Microsoft Dataverse and how to use artificial intelligence to enhance your projects. The goal is clear: to make your teams more autonomous, productive, and creative.

### A complete and practical training

Throughout the course, you will master the Microsoft Power Platform ecosystem and its ability to integrate with other solutions like Microsoft 365, Microsoft Teams, and Azure. You will have the opportunity to explore real-world use cases and develop skills that can be immediately applied to your professional projects.

## Course Content

### Module 1: Discover the business value of Microsoft Power Platform

- Explore Microsoft Power Platform
- Discover the business value of Power Platform
- Explore connectors and Microsoft Dataverse
- Boost productivity using artificial intelligence
- Discover the business value of Power Fx
- Learn how Power Platform works with Microsoft 365 apps and services
- Learn how Power Platform integrates with Microsoft Teams
- Learn how Power Platform integrates with Microsoft Dynamics 365
- Discover how Microsoft Power Platform apps work together
- Learn how Power Platform solutions use Microsoft Azure services

### Module 2: Identify the core components of Microsoft Power Platform

- Learn about Power Platform administration
- Understand security and governance in Power Platform
- Explore Microsoft Dataverse
- Review Power Platform connectors

### Module 3: Learn how to build apps with Microsoft Power Apps

- Understand Power Apps
- Explore canvas apps
- Explore model-driven apps
- Differentiate between canvas and model-driven apps

- Create a basic canvas app
- Create a basic model-driven app

#### **Module 4: Discover automation creation with Microsoft Power Automate**

- Learn about Power Automate capabilities
- Explore different Power Automate applications
- Discover the components of a cloud flow
- Review Power Automate scenarios
- Explore process mining
- Create a basic Power Automate cloud flow
- Create a cloud flow with Copilot
- Create a desktop flow
- Understand the business value of Power Automate

#### **Module 5: Describe the features of Microsoft Power BI**

- Learn how to use Power BI to create data-driven analytics
- Explore the different elements of Power BI
- Understand data cleaning and transformation in Power BI Desktop
- Discover how AI Insights can identify trends and anomalies
- Create a basic dashboard
- Understand the business value of Power BI

#### **Module 6: Present the features of Microsoft Power Pages**

- Explore Power Pages
- Understand the business value of Power Pages
- Create a Power Pages site
- Use cases for streamlining Power Pages site creation with Copilot

#### **Module 7: Explore AI creation experiences in Power Platform**

- Explore Copilot Studio
- Learn about Copilot Studio components
- Create a basic copiloted bot
- Discover use cases for generative AI bots
- Learn about AI Builder
- Understand the lifecycle of building an AI Builder model

#### **Lab / Exercises**

- This course provides you with exclusive access to the official Microsoft lab, enabling you to practice your skills in a professional environment.

#### **Documentation**

- Access to Microsoft Learn, Microsoft's online learning platform, offering interactive resources and educational content to deepen your knowledge and develop your technical skills.

#### **Exam**

- This course prepares you to the PL900: Microsoft Power Platform fundamentals exam

#### **Participant profiles**

- Business users looking to automate their processes
- Entry-level data analysts
- Digital project managers
- Operations managers
- Functional consultants

### **Prerequisites**

- Have basic knowledge of computers and office productivity tools
- Understand basic concepts related to data and business processes

### **Objectives**

- Understand the business value of Microsoft Power Platform
- Identify the core components of Power Platform
- Create simple applications with Microsoft Power Apps
- Automate business processes with Microsoft Power Automate
- Build interactive dashboards with Microsoft Power BI
- Develop simple websites with Microsoft Power Pages
- Explore building AI solutions with Copilot Studio

### **Description**

Microsoft Power Platform Fundamentals (PL-900)

### **Niveau**

Fondamental

### **Classroom Registration Price (CHF)**

900

### **Virtual Classroom Registration Price (CHF)**

850

### **Duration (in Days)**

1

### **Reference**

PL-900T00