

Introduction to Microsoft Power Platform (PL-900T00)

Duration: 1 days

Audience: Pour tous

Who is this training for?

This course helps learners understand how Microsoft Power Platform technologies can be used to develop custom business solutions. It covers optimizing data usage with Microsoft Dataverse and connectors, as well as accelerating business outcomes with Microsoft Power Apps for low-code/no-code solutions. It also covers improving processes with Microsoft Power Automate, empowering customers with Microsoft Power Pages, and increasing productivity with co-pilots. This course is for those who want to get started with building solutions with Microsoft Power Platform.

Training objectives

- Describe the components of Power Platform: Power Apps, Power BI, and Microsoft Automate
- Describe the components of Power Platform: Common Data Service, Connectors, and AI Builder
- Describe multi-cloud scenarios between M365, Dynamics 365, Microsoft Azure, and third-party services

Summary

Learn about the business value and capabilities of Microsoft Power Platform products. Connect data with Dataverse, build simple canvas and model-driven apps, automate a process with Power Automate, and build a Power Pages site.

Course outline

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 assessment

Describe Microsoft Dataverse

- 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 assessment
- Summary and resources

Describe Power Platform governance and administration

- 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 assessment

Describe the capabilities of Microsoft Power Pages

- Describe use cases for Power Pages
- Describe methods for creating sites
- Describe Power Pages security concepts
-

Module assessment

- Summary and resources

Create a Microsoft Power Pages site

- Create and modify Power Pages sites by using Copilot
- Create and modify Power Pages sites using design studio
- Create tables by using design studio
- Create and modify pages
- Configure Power Pages components
- Modify a Power Pages theme
- Exercise - Create a Power Page siteApply Power Pages security
- Module assessment
- Summary and resources

Identify basic Microsoft Power Apps capabilities

- 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
- Knowledge checkBuild a canvas app
- Connect to data sources by using connectors
- Create an app from data
- Describe common controls
- Build responsive pages using containers
- Create and modify an app through conversation
- Exercise - Create a canvas app
- Describe the capabilities of Copilot controls

- Describe use cases for Agent Builder
- Preview, test, and publish an appShare a canvas app
- Module assessment
- Summary and resources

Build a model-driven app

- Components of model-driven-apps
- Create a model-driven app from tables
- Modify forms
- Create and modify views
- Exercise - Create a model-driven app
- Share a model-driven app
- Module assessment
- Summary and resources

Identify Microsoft Power Automate components

- 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
- Knowledge check

Build a Microsoft Power Automate flow

- Create a cloud flow by using an instant, automated, or scheduled trigger
- Create and modify cloud flows by using Copilot in Power Automate
-

Exercise - Create a cloud flow using Copilot

- Test a cloud flow
- Run and monitor a cloud flow
- Share a cloud flow
- Describe an existing cloud flow using Copilot
- Build a basic desktop flow by using Record with Copilot
- Module assessment
- Summary and resources

Approach and methodology

Practical and structured approach combining focused theory and guided workshops. Participants gradually discover the fundamentals of Microsoft Power Platform through concrete exercises inspired by professional scenarios, promoting an immediate application of the learnings. They learn how to build applications, automate processes, and analyze data using the platform's core tools. Led by a Microsoft certified trainer, the training focuses on interactivity and the development of directly transferable skills to effectively use Power Platform in a professional context.

Recommendations

- Familiarity with Microsoft 365 tools (Teams, Excel, SharePoint, etc.)
- Basic understanding of business processes (workflows, data, applications)
- Interest in automation, application building and data analysis
- Openness to experimentation with low-code / no-code solutions
- Curiosity for Power Platform technologies (Power Apps, Power Automate, Power BI)