

Microsoft Power Platform Fundamentals (PL-900T00)

Duration: 1 day

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

- Introduction to Microsoft Power Platform
- Describe the business value of Microsoft Power Platform services
- Explore Microsoft Power Platform • Describe the value of Microsoft Power Platform
- Describe the value of connectors for service and data integration
- Describe the value of Microsoft Dataverse for business data organization
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Describe the value of Power Fx as a low-code solution

- Explain how Power Platform services work together
- Describe the value of Microsoft Power Platform services. value of Copilots and generative AI capabilities in Power Platform
- Write effective prompts for Copilot in Microsoft Power Platform
- Module evaluation • Summary and resources
- Extend and integrate business solutions
- Describe the business value of extending business solutions with Microsoft Power Platform
- Explain how Microsoft Power Platform business solutions work with Microsoft 365 applications and services
- Describe the The value of Microsoft Copilot Studio
- Explain how Power Platform works with on-premises solutions
- Describe the capabilities of the Plan Designer
- Module evaluation
- Summary and resources
- Microsoft Dataverse
- Describe Microsoft Dataverse
- Explain the differences between traditional databases and Dataverse
- Describe tables, columns, and relationships in Dataverse
- Describe business logic options in Dataverse
- Exercise - Create and edit tables and columns via chats
- Describe options for importing and exporting data
- Module assessment • Summary and resources
- Power Platform administration and governance
- Describe Microsoft Power Platform administration and governance
- Describe the Power Platform security model
- Describe Power Platform environments
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Describe Power Platform admin centers and portals

- Explain how Power Platform supports privacy Data and accessibility guidelines
- Describe application lifecycle management (ALM) in Power Platform
- Module assessment
- Summary and resources
- Microsoft Power Pages
- Describe the capabilities of Microsoft Power Pages
- Describe Power Pages use cases
- Describe methods for creating sites
- Describe Power Pages security concepts
- Module assessment
- Summary and resources
- Create a Microsoft Power Pages site
- Create and edit sites Power Pages with Copilot
- Create and edit Power Pages sites with the design studio
- Create tables with the design studio
- Create and edit pages
- Configure Power Pages components
- Edit a Power Pages theme
- Exercise - Create a Power Pages site
- Apply security on Power Pages
- Module assessment
- Summary and resources
- Microsoft Power Apps
- Identify the basic features of Microsoft Power Apps
- Describe Power Apps
- Describe the cases Canvas App Use Cases

- Describe the use cases for model-driven apps
- Explore the features of model-driven apps
- Describe the differences between canvas and model-driven apps
- Module evaluation
- Summary and resources
- Create a canvas app
- Connect to data sources via connectors
- Build an app from data
- Describe common controls
- Build adaptive pages with containers
- Create and edit an app via chat
- Exercise - Create a canvas app
- Describe the capabilities of Copilot controls
- Describe use cases for Agent Builder
- Preview, test, and publish an app
- Share a canvas app
- Module evaluation
- Summary and resources
- Create a model-driven app
- Components of model-driven apps
- Create a model-driven app from tables
- Edit forms
- Create and edit views
- Exercise - Create a model-driven app
- Share a model-driven app
- Module assessment
- Summary and resources

- Microsoft Power Automate
- Identify the components of Microsoft Power Automate
- Describe process mining
- Describe use cases for cloud and desktop flows
- Describe use cases for cloud flow models
- Explain how Power Automate cloud flows use Connector triggers and actions
- Describe loops and branches in cloud flows
- Describe Power Automate use cases for approvals
- Describe Power Automate apps
- Describe actions for Power Automate desktop flows
- Module evaluation • Summary and resources
- Create a Microsoft Power Automate flow
- Create a cloud flow via an instant trigger, Automated or Scheduled
- Create and edit cloud flows with Copilot in Power Automate
- Exercise - Create a cloud flow with Copilot
- Test a cloud flow
- Run and monitor a cloud flow
- Share a cloud flow
- Describe an existing cloud flow with Copilot
- Create a basic desktop flow with Record and Copilot
- Module evaluation • 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)