# PL-900T00: Microsoft Power Platform Fundamentals

## Course description

Learn the business value and product capabilities of Microsoft Power Platform. Create simple Power Apps, connect data with Microsoft Dataverse, automate a process with Power Automate, and build a Power BI Dashboard.

## Audience

The Microsoft Power Platform Fundamentals course is designed for anyone who aspires to improve productivity by automating business processes, analyzing data to produce business insights, and acting more effectively by creating simple app experiences.

Students do not need to have any experience with Microsoft Power Platform before taking this course; however, a basic level of familiarity with computer technology, data analytics, cloud computing, and the Internet is assumed.

## Learning objectives

After completing this course, students will be able to:

- Describe the Microsoft Power Platform components: Power Apps, Power BI, Power Automate, and Power Virtual Agents
- Describe the Microsoft Power Platform components: Microsoft Dataverse, Connectors, and AI builder
- Describe cross-cloud scenarios across M365, Dynamics 365, Microsoft Azure, and 3rd party services
- Identify benefits and capabilities of Microsoft Power Platform
- Identify the basic functionality and business value of Microsoft Power Platform components
- Implement simple solutions with Power Apps, Power Automate, and Power BI

## Duration 1 day (8 hours)

## Course Outline

| Module | Lesson | Labs |
|---|---|---|
| **Course Introduction**<br>15m | | |
| **Describe the business value of Microsoft Power Platform**<br>36m | Microsoft Power Platform Overview | |

| Module | Lesson | Labs |
|--------|--------|------|
| **Identify foundational components of Microsoft Power Platform**<br>37m | Microsoft Dataverse overview Technologies used in lesson:<br>• Power Platform admin center<br>• Dataverse | Lab:<br>Setup environment Data Modeling |
| **Describe building apps with Power Apps**<br>2h 6m | Introduction to Power Apps Technologies used in lesson:<br>• Power Apps<br><br>How to build a canvas app Technologies used in lesson:<br>• Power Apps<br><br>How to build a model-driven app Technologies used in lesson:<br>• Power Apps | Labs:<br>How to build a canvas app<br><br>How to build a model-driven app |
| **Describe building automation with Power Automate**<br>1h 48m | Power Automate overview<br><br>How to Build an Automated Solution Technologies used in lesson:<br>• Power Automate | Lab:<br>How to build an automated solution |
| **Describe the capabilities of Power BI**<br>1h 27m | Power BI overview<br><br>How to Build a Simple Dashboard Technologies used in lesson:<br>• Power BI | Lab:<br>How to build a simple dashboard |
| **Describe complementary Power Platform solutions**<br>15m | How to Build a Simple Dashboard Technologies used in lesson:<br>• Power Virtual Agent<br>• Power Page<br>• AI Builder | |