

PL-900T00: Microsoft Power Platform Fundamentals

Duration: 2 Days

Course Content:

PL-900T00: Microsoft Power Platform Fundamentals Training provides comprehensive knowledge and an in-depth explanation of the product capabilities and business value of Power Platform. It teaches how to connect data with CDS, build simple apps, automate a process with MS Flow, and develop a Power BI Dashboard. This technical course demonstrates the Power Platform components, which are Connectors, Common Data Service, and AI builders. It educates on recognizing the capabilities and benefits of the Power Platform. This training program is suitable for individuals who want to improve their productivity by analyzing data to create business insights and automating business processes. It is also ideal for individuals who are preparing for exam PL-900: Microsoft Power Platform Fundamentals. After finishing this course, students will know how to apply simple solutions with MS Automate and demonstrate cross-cloud situations across MS Azure.

This training is designed based on the objectives of the course variant PL-900T00-A.

Who should attend?

The ideal candidates for this training include users who want to enhance productivity by learning how to analyze data to gain business insights, automating business processes, and being more efficient by building simple app experiences.

Prerequisites for this training

No prerequisites for this course

Course Objectives

- Understanding the Power Platform components: Power BI, Microsoft Automate, and Power Apps
- Learning the Power Platform components: AI Builder, Connectors, and Common Data Service
- Learning about cross-cloud scenarios across Microsoft Azure, Dynamic 365, M365, as well as 3rd party services
- Identifying the capabilities and benefits of the Power Platform
- Identifying the basic business value and functionality of Power Platform components
- Implementing simple solutions with Power BI, Power Apps, and Microsoft Automate



Detailed Course Outline:

Module 1: Introduction to Microsoft Power Platform

Learn about the components of Microsoft Power Platform, ways to connect data, and how organizations can leverage this technology to create business solutions.

Lesson

- Microsoft Power Platform Overview
- Module Summary

After completing this module, students will be able to:

- Identify when to use each Microsoft Power Platform component application to create business solution
- Learn the value of using Microsoft Power Platform to create business solutions
- Learn the components and features of Microsoft Power Platform

Module 2: Introduction to Microsoft Dataverse

Dataverse allows you to delve into powerful, scalable data solutions in the cloud. Learn what makes Dataverse tick and how it can work with Microsoft Power Platform to create unique and efficient business solutions.

Lesson

- Microsoft Dataverse Overview
- Module Summary

Lab: Data Modeling

- Create Solution
- Add Existing and Create New Tables
- Create Relationships
- Import Data

After completing this module, students will be able to:

- Describe the difference between Dataverse and Common Data Model
- Explain use cases and limitations of business rules and process flows
- Explain what environments, tables, columns, and relationships are in Dataverse

Module 3: Get Started with Power Apps

Learn about the value and capabilities of Power Apps, and ways other organizations have leveraged this technology to build simple applications for their business.

Lesson

- Introduction to Power Apps
- How to build a canvas app



- How to build a model-driven app
- Introduction to Power Apps portals

Lab: How to build a canvas app, part 1

- Create Staff Canvas App
- Complete the App

Lab: How to build a canvas app, part 2

Create Security Canvas App

Lab: How to build a model-driven app

- Customize Views and Forms
- Create Model-Driven Application

Lab: How to build a Power Apps portal

- Provision a Power Apps portal
- Create a Portal Webpage
- Change the Portal Theme

After completing this module, students will be able to:

- Learn how other organizations digitize their processes using Power Apps
- See Power Apps in action and learn options for making your first app
- Learn about what Power Apps is and its business value

Module 4: Get Started with Power Automate

Learn how users can leverage Power Automate to improve business efficiency and productivity.

Lesson

- Power Automate Overview
- How to Build an Automated Solution

Lab: Power Automate

- Create Visit Notification flow
- Create Security Sweep Flow

After completing this module, students will be able to:

- See how Power Automate works and looks from the user's perspective
- Build a simple flow
- Learn the business value and features of Power Automate



Module 5: Get Started with Power BI

Learn how organizations can use Power BI to easily clean, display, and understand data to ensure better informed decisions.

Lesson

- Power BI Overview
- How to Build a Simple Dashboard

Lab: How to build a simple dashboard

- Create Power BI Report
- Create Power BI Dashboard

After completing this module, students will be able to:

- See how Power BI works and looks from the user's perspective
- Learn how to build a simple Power BI dashboard
- Describe the business value and features of Power BI

Module 6: Introduction to Power Virtual Agents

Learn about the value and capabilities of Power Virtual Agents and ways organizations can leverage this technology to build chatbot solutions for their business.

Lesson

- Power Virtual Agents overview
- How to build a chatbot

Lab: How to build a basic chatbot

- Sign up for PVA and Create a New Bot
- Create Topics
- Test Topics
- Change the Greeting
- Publish the Bot

After completing this module, students will be able to

- Describe the business value and features of Power Virtual Agents
- Build a basic chatbot
- Learn essential components that make up Power Virtual Agents and chatbots

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