



Microsoft Power Platform Fundamentals

Course PL-900T00-A: 1 day; Instructor-Led

Introduction

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

At Course Completion

After completing this course, students will be able to:

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

Audience

Candidates for this exam are users who aspire to improve productivity by automating business processes, analyzing data to produce business insights, and acting more effectively by creating simple app experiences.

Job role: Developer

Preparation for exam: [PL-900](#)

Prerequisites

No prerequisites for this course

Course Outline

Module 1: Introduction to Power Platform

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

Lessons

- Power Platform Overview

After completing this module, students will be able to:

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

Lessons

- Microsoft Dataverse Overview

Lab : Validate lab environment

- Acquire your Microsoft Power Platform trial tenant
- Create environment

Lab : Data Modeling

- Create New Table
- 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 leverage this technology to build simple applications for their business.

Lessons

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

Lab : How to build a model-driven app

- Customize Views and Forms
- Create Model-Driven Application

Lab : How to build a canvas app

- Create Visits App

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.

Lessons

- Power Automate Overview
- How to Build an Automated Solution

Lab : How to build an automated solution

- Create Visit Notification 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.

Lessons

- 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.

Lessons

- Power Virtual Agents overview
- Describe the business value and features of Power Virtual Agents
- Learn essential components that make up Power Virtual Agents and chatbots