

MS-PL900T00: MICROSOFT POWER PLATFORM FUNDAMENTALS



DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
2 Days	Beginner	Data Analytics	Instructor-led	NA

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.

AUDIENCE PROFILE

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.

PREREQUISITES

No prerequisites for this course.

COURSE OBJECTIVES

After completing this course, students will be able to:

- Describe Microsoft Power Platform components
- Describe Microsoft Dataverse and connectors
- 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 Microsoft Power Platform components
- Implement simple solutions with Power Apps, Power Automate, and Power BI

COURSE CONTENT

Module 1: Describe the business value of the Microsoft Power Platform

Learn about the components of Microsoft Power Platform, the business value for customers, and how the technology works with other Microsoft products.

Lessons

- Introduction
- Explore Microsoft Power Platform
- Describe the business value of the Power Platform
- Explore connectors and Microsoft Dataverse
- Use Artificial Intelligence to increase productivity
- Explore the business value of Power Fx
- Describe how Power Platform works with Microsoft 365 apps and services
- Explore how Power Platform works with Microsoft Teams
- Describe how Power Platform works with Microsoft Dynamics 365 apps
- Explore how Microsoft Power Platform apps work together

- Describe how Power Platform solutions consume Microsoft Azure services
- Module assessment
- Summary and resources

After completing this module, students will be able to:

- Examine Microsoft Power Platform.
- Describe the business value of the Power Platform.
- Explore the business value of Power Fx.
- Explore connectors in Power Platform.
- Review using Microsoft Dataverse to organize business data.
- Examine how Power Platform works together with Microsoft 365 apps and services.
- Explore solutions using Power Platform Microsoft Teams.
- Describe how Power Platform works with Dynamics 365.
- Describe how Power Platform solutions can consume Azure Services.

- Explore how Power Platform apps work together to create solutions.
- Describe how Microsoft Copilot Studio helps streamline productivity.

Module 2: Identify foundational components of Microsoft Power Platform

Learn about some of the key foundational elements involved in creating Microsoft Power Platform solutions.

Lessons

- Introduction
- Describe Power Platform administration.
- Describe Power Platform security and governance.
- Explore Microsoft Dataverse.
- Examine Power Platform connectors.
- Exercise - Build a basic Dataverse data model.
- Module assessment.
- Summary and resources.

After completing this module, students will be able to:

- Examine the different Power Platform administrative options available.
- Describe security and governance in Power Platform.
- Explore Microsoft Dataverse and how to use it to build business solutions.
- Examine Power Platform connectors.

Module 3: Describe how to build applications with Microsoft Power Apps

Learn about the value and capabilities of Microsoft Power Apps and ways citizen and professional developers use this technology to build simple applications for their business.

Lessons

- Introduction.
- Describe Power Apps
- Explore canvas applications.
- Explore model-driven applications.
- Differentiate between canvas apps and model-driven apps.
- Build a basic canvas app.
- Exercise: Build a canvas app.
- Build a basic model-driven app.
- Exercise: Build a basic model-driven app.
- Module assessment.
- Summary and resources.

After completing this module, students will be able to:

- Examine Power Apps.
- Explore canvas applications.
- Explore model-driven applications.
- Differentiate between canvas and model-driven applications.
- Build a basic canvas app.
- Build a basic model-driven app.

Module 4: Describe building automation with Microsoft Power Automate

Microsoft Power Automate is all about process automation. Power Automate allows anyone with knowledge of the business process to create repeatable flows that when triggered leap into action and perform the process for them.

Lessons

- Introduction
- Describe the capabilities of Power Automate.

- Explore the different Power Automate apps.
- Describe the components of a cloud flow.
- Consider Power Automate scenarios.
- Build a basic Power Automate cloud flow.
- Build a Desktop flow.
- Exercise: Build a basic Power Automate flow.
- Describe the business value of Power Automate.
- Module assessment.
- Summary resources.

After completing this module, students will be able to:

- Examine the capabilities of Power Automate.
- Explore the different Power Automate apps.
- Examine the components of a cloud flow.
- Examine Power Automate scenarios.
- Examine Process mining.
- Build a basic Power Automate cloud flow.
- Build a basic Power Automate desktop flow.
- Explore how to build a cloud flow with Copilot.

Module 5: Describe the capabilities of Microsoft Power BI

Learn how you can leverage Power BI to easily build reports and dashboards with interactive visualizations and see how other organizations have used this solution to drive business results with actionable insights.

Lessons

- Introduction.
- Describe using Power BI to build data-driven analytics.
- Explore the different Power BI elements.
- Describe cleaning and transforming data.
- Describe using AI Insights to spot trends and anomalies.
- Build a basic dashboard.
- Consider the business value of Power BI.
- Module assessment.
- Summary and resources.

After completing this module, students will be able to:

- Describe the business value and features of Power BI.
- Compare and contrast the different components that make up Power BI.
- Describe how to clean and transform data.

- Examine how AI insights help detect anomalies and spot trends.
- Build a basic dashboard.
- Consume Power BI reports and dashboards.

Module 6: Demonstrate the capabilities of Microsoft Power Pages

Learn about Microsoft Power Pages, the platform for creating, hosting, and administering modern external-facing websites using shared business data stored in Microsoft Dataverse.

Lessons

- Introduction
- Explore Power Pages
- Describe the business value of Power Pages
- Build a Power Pages site
- Use cases to use Copilot to streamline the process of building a Power Pages site
- Module assessment
- Summary and resources

After completing this module, students will be able to:

- Explore Power Pages.
- Describe the business value of Power Pages.
- Examine the process for building a basic site.
- Describe the use cases for creating sites with Copilot.

Module 7: Describe the AI authoring experience in Power Platform

Learn about Microsoft Copilot Studio, a guided solution for building copilots and configuring generative AI tools.

Lessons

- Introduction
- Explore Copilot Studio
- Describe the components of Copilot Studio
- Create a basic agent
- Describe use cases for Generative AI bots
- Describe AI Builder
- Describe the lifecycle to create an AI Builder model
- Module assessment
- Summary

After completing this module, students will be able to:

- Describe the capabilities of Copilot Studio and the business value it provides.
- Examine the process of building a simple copilot.
- Describe the capabilities of AI Builder and the business value it provides.

ASSOCIATED CERTIFICATIONS & EXAM

This course will prepare delegates to write the Microsoft PL-900: Microsoft Power Platform Fundamentals exam.