

MICROSOFT CERTIFIED POWER PLATFORM FUNDAMENTALS (EXAM PL-900)

COURSE OVERVIEW

The course introduces participants to the foundational capabilities of the Microsoft Power Platform, emphasizing its business value and practical applications. Attendees will explore tools such as Power Apps, Power Automate, Power BI, Power Pages, and AI features like Copilot and AI Builder. The course focuses on integrating these tools with Microsoft 365, Dynamics 365, and Azure, enabling participants to create data models, automate workflows, build dashboards, and leverage AI to increase productivity. Through hands-on exercises and practical examples, participants will gain the skills needed to use Power Platform solutions effectively in a variety of business scenarios.

TARGET COMPETENCIES

- Dashboard design
- Workflow automation
- Data modeling and integration
- Security and governance in Power Platform
- AI-driven productivity tools
- Application development with Power Apps
- Data visualization and analytics

COURSE OBJECTIVES

By the end of the course, participants will be able to:

- Demonstrate the business value of the Microsoft Power Platform.
- Build basic applications using Power Apps, including canvas and model-driven apps.
- Automate workflows with Power Automate, including cloud and desktop flows.
- Create interactive dashboards and reports with Power BI.
- Utilize Microsoft Dataverse for data modeling and integration.
- Leverage AI Builder and Copilot for enhanced productivity.
- Utilize Power Platform's integration with Microsoft 365, Dynamics 365, and Azure.

TARGET AUDIENCE

This course is designed for business professionals, IT administrators, and analysts seeking foundational knowledge of Microsoft Power Platform. It is ideal for individuals to aim to enhance their productivity, streamline workflows, and make data-driven decisions without extensive coding expertise.

COURSE METHODOLOGY

This course employs an interactive teaching methodology combining theoretical instruction, live demonstrations, and practical exercises. Participants will engage in hands-on labs to build applications, automate workflows, and create dashboards. Knowledge checks and real-world scenarios will reinforce learning, while resources and summaries will provide a solid foundation for continued exploration of the Power Platform.

COURSE OUTLINE

BUSINESS VALUE OF THE MICROSOFT POWER PLATFORM

- Explore Microsoft Power Platform
- Understand the business value of the Power Platform
- Explore connectors and Microsoft Dataverse
- Use Artificial Intelligence to increase productivity
- Explore the business value of the Power Fx
- Understand how Power Platform works with Microsoft 365 apps and services
- Explore how Power Platform works with Microsoft Teams
- understand how Power Platform works with Microsoft Dynamics 365 apps
- Explore how Microsoft Power Platform apps work together
- Learn how Power Platform solutions consume Microsoft Azure services

FOUNDATIONAL COMPONENTS OF MICROSOFT POWER PLATFORM

- Navigate Power Platform administration
- understand Power Platform security and governance
- Explore Microsoft Dataverse
- Examine Power Platform connectors
- Exercise - Build a basic Dataverse data model

BUILDING APPLICATIONS WITH MICROSOFT POWER APPS

- 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

BUILDING AUTOMATION WITH MICROSOFT POWER AUTOMATE

- Explore the capabilities of Power Automate
- Explore the different Power Automate apps
- Understand the components of a cloud flow
- Consider Power Automate scenarios
- Understand Process mining
- Build a basic Power Automate cloud flow
- Build a cloud flow with Copilot
- Build a Desktop flow
- Exercise: Build a basic Power Automate flow
- Realize the business value of Power Automate

CAPABILITIES OF MICROSOFT POWER BI

- Describe using Power BI to build data-driven analytics
- Explore the different Power BI elements
- Use cleaning and transforming data in Power BI Desktop
- Use AI Insights to spot trends and anomalies
- Build a dashboard
- Realize the business value of Power BI

DEMONSTRATE THE CAPABILITIES OF MICROSOFT POWER PAGES

- Explore Power Pages
- Understand 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

DESCRIBE THE AI AUTHORING EXPERIENCE IN POWER PLATFORM

- Explore Copilot Studio
- Learn the components of Copilot Studio
- Create a basic copilot
- Use cases for Generative AI bots
- Experience the AI Builder
- Understand the lifecycle to create an AI Builder model

To register or for complete course information

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