Introduction to Microsoft Power Platform

Course Number: PL-900T00

Duration: 1 days

Course Description

Learn the business value and product capabilities of Microsoft Power Platform. Connect data with Dataverse, build simple canvas and model-driven apps, automate a process with Power Automate, and build a Power Pages site.

Audience Profile

This course helps learners understand how Microsoft Power Platform technologies can be used to develop tailored business solutions. It covers how to optimize the use of data by using Microsoft Dataverse and connectors and accelerate business outcomes by using Microsoft Power Apps for low code/no code solutions. Additionally, it covers how to improve processes by using Microsoft Power Automate, enable customer self-service by using Microsoft Power Pages, and boost productivity by using copilots. This course is intended for those seeking to start their journey building solutions with Microsoft Power Platform.

Skills Gained

After completing this course, students will be able to:

- Describe Microsoft Power Platform components
- Describe 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 Microsoft Power Platform components
- Implement simple solutions with Power Apps, Power Automate, Power BI, and Power Virtual Agents

Prerequisites

No prerequisites for this course

Course Details

Outline

- Describe the business value of Microsoft Power Platform
  - Describe the value of Microsoft Power Apps to build applications
  - Describe the value of Microsoft Power Automate to automate processes
  - Describe the value of Microsoft Power Pages to build websites
  - Describe the value of Microsoft Dataverse to organize business data
  - Describe the value of Copilot Studio to create agents
  - Describe the value of copilots and generative AI features in Microsoft Power Platform
  - Describe the value of connectors to integrate services and data for apps and flows
  - Describe the value of Plan Designer
  - Module assessment
- Describe Microsoft Dataverse
  - Describe differences between traditional databases and Dataverse
  - Describe tables, columns, and relationships in Dataverse
  - Describe the options for business logic in Dataverse
  - Describe table forms and views
  - Create and edit tables, columns, and relationships through conversations
  - Describe Power Fx
  - Module assessment
  - Summary and resources
- Describe Power Platform governance and administration
  - Describe Power Platform environments
  - Describe the Microsoft Power Platform security model

    - Describe how Microsoft Power Platform supports data privacy and accessibility guidelines
    - Describe the monitoring and analytics capabilities of the Microsoft Power Platform
    - Describe application lifecycle management with Power Platform Pipelines
    - Module assessment
- Identify basic Microsoft Power Apps capabilities
    - Describe use cases and capabilities of canvas apps
    - Describe use cases and capabilities of model-driven apps
    - Describe use cases of code apps
    - Create a canvas app through conversations
    - Create a model-driven app through conversations
    - Knowledge check
- Identify Microsoft Power Automate components
    - Describe use cases for cloud and desktop flows
    - Describe Power Automate use cases
    - Describe triggers for cloud flows
    - Describe actions for cloud flows
    - Create cloud flows with Copilot
    - Create desktop flows with Copilot
    - Describe building cloud flows
    - Knowledge check
- Understand features of Copilot Studio agents
    - Describe use cases for agents
    - Describe how Copilot Studio uses and processes data
    - Describe how knowledge, tools, and MCP servers extend agent capabilities
    - Describe how to monitor Copilot Studio agent usage and adoption
    - Describe agent flows
    - Describe the agent development process and build an agent
    - Module assessment