Introduction to Microsoft Power Platform (PL-900T00)

COURSE OVERVIEW

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.

WHO WILL BENEFIT FROM THIS COURSE?

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.

COURSE OBJECTIVES

Students will learn:

- Describe the business value of Microsoft Power Platform
- Manage the Microsoft Power Platform environment
- Demonstrate the capabilities of Microsoft Power Pages
- Demonstrate the capabilities of Microsoft Power Apps
- Demonstrate the capabilities of Microsoft Power Automate

COURSE OUTLINE

Describe the business value of Microsoft Power Platform

- Describe the business value of Microsoft Power Platform services
  - Explore Microsoft Power Platform
  - Describe the value of Microsoft Power Platform
  - Describe the value of connectors in integrating services and data
  - Describe the value of Microsoft Dataverse in organizing business data
  - Describe the value of Power Fx as a low-code solution
  - Describe how Power Platform services work together
  - Describe the value of Copilots and generative AI features in Power Platform
  - Write effective Copilot prompts for Microsoft Power Platform
- Describe the business value of extending business solutions by using Microsoft Power Platform
  - Describe how Microsoft Power Platform business solutions work together with Microsoft 365 apps and services

- o Describe the value of Microsoft Copilot Studio
- o Describe how Power Platform works with on-premises solutions
- o Describe the capabilities of the Plan Designer

Manage the Microsoft Power Platform environment
- Describe Microsoft Dataverse
  - o Describe differences between traditional databases and Dataverse
  - o Describe tables, columns, and relationships in Dataverse
  - o Describe the options for business logic in Dataverse
  - o Exercise - Create and modify tables and columns by using conversations
  - o Describe options for importing and exporting data
- Describe Microsoft Power Platform administration and governance
  - o Describe the Power Platform security model
  - o Describe Power Platform environments
  - o Describe the Power Platform admin centers and portals
  - o Describe how Power Platform supports data privacy and accessibility guidelines
  - o Describe Application lifecycle Management (ALM) in Power Platform

Demonstrate the capabilities of Microsoft Power Pages
- Describe the capabilities of Microsoft Power Pages
  - o Describe use cases for Power Pages
  - o Describe methods for creating sites
  - o Describe Power Pages security concepts
- Create a Microsoft Power Pages site
  - o Create and modify Power Pages sites by using Copilot
  - o Create and modify Power Pages sites using design studio
  - o Create tables by using design studio
  - o Create and modify pages
  - o Configure Power Pages components
  - o Modify a Power Pages theme
  - o Exercise - Create a Power Page site

Demonstrate the capabilities of Microsoft Power Apps
- Identify basic Microsoft Power Apps capabilities
  - o Describe Power Apps
  - o Describe use cases of canvas apps
  - o Describe use cases of model-driven apps
  - o Explore model-driven app features
  - o Describe the differences between canvas apps and model-driven apps
- Build a canvas app
  - o Connect to data sources by using connectors
  - o Create an app from data
  - o Describe common controls
  - o Build responsive pages using containers
  - o Create and modify an app through conversation
  - o Exercise - Create a canvas app

- o Describe the capabilities of Copilot controls
- o Describe use cases for Agent Builder
- o Preview, test, and publish an app
- o Share a canvas app
- Build a model-driven app
  - o Components of model-driven-apps
  - o Create a model-driven app from tables
  - o Modify forms
  - o Create and modify views
  - o Exercise - Create a model-driven app
  - o Share a model-driven app

Demonstrate the capabilities of Microsoft Power Automate
- Identify Microsoft Power Automate components
  - o Describe process mining
  - o Describe use cases for cloud and desktop flows
  - o Describe use cases for cloud flow templates
  - o Describe how Power Automate cloud flows use connector triggers and actions
  - o Describe loops and branching in cloud flows
  - o Describe Power Automate use cases for approvals
  - o Describe the Power Automate apps
  - o Describe actions for Power Automate desktop flows
- Build a Microsoft Power Automate flow
  - o Create a cloud flow by using an instant, automated, or scheduled trigger
  - o Create and modify cloud flows by using Copilot in Power Automate
  - o Exercise - Create a cloud flow using Copilot
  - o Test a cloud flow
  - o Run and monitor a cloud flow
  - o Share a cloud flow
  - o Describe an existing cloud flow using Copilot
  - o Build a basic desktop flow by using Record with Copilot

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