

PL-400T00

Microsoft Power Platform Developer

Contents:

Day 1

Module 1: Create a Model Driven App

- Introduction to model-driven apps and Common Data Service
- Get started with model-driven apps in Power Apps
- Create and manage entities in Common Data Service
- Create and manage fields within an entity in Common Data Service
- Working with option sets in Common Data Service
- Create a relationship between entities in Common Data Service
- Create and define calculation or rollup fields in Common Data Service

Module 2: Create a canvas app

- Get started with Power Apps
- Customize a canvas app in Power Apps
- Manage apps in Power Apps
- Navigation in a canvas app in Power Apps
- How to build the UI in a canvas app in Power Apps

Day 2

Module 3: Master advance techniques and data options in canvas apps

- Use imperative development techniques
- Author an advanced formula that uses tables, records, and collections in a canvas app in Power Apps
- Perform custom updates in a Power Apps canvas app
- Complete testing and performance checks
- Work with relational data in a Power Apps canvas app
- Use custom connectors in a Power Apps canvas app

Module 4: Automate a business process using Power Automate

- Get started with Power Automate
- Build more complex flows with Power Automate
- Introduction to business process flows
- Create an immersive business process flow
- Understand advanced business process flow concepts
- Introduction to expressions in Power Automate

Day 3

Module 5: Introduction to developing with Power Platform

- Introduction to Power Platform developer resources
- Use developer tools to extend the Power Platform
- Introduction to extending the Microsoft Power Platform

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Module 6: Extending the Power Platform Common Data Service

- Introduction to Common Data Service for developers
- Extend plug-ins

Day 4

Module 7: Extending the Power Platform user experience Model Driven apps

- Introduction to web resources
- Performing common actions with client script
- Automate business process flows with client script

Module 8 Create components with Power Apps Component Framework

- Get started with Power Apps component framework
- Build a Power Apps component
- Use advanced features with Power Apps component framework

Day 5

Module 9 Extend Power Apps portals

- Access Common Data Service in Power Apps portals
- Extend Power Apps portals
- Build custom Power Apps portals web templates
- **Module 10: Integrate with Power Platform and Common Data Service**
 - Work with Common Data Service Web API
 - Integrate Common Data Service Azure solutions

Note: Labs of All modules are available on Github:

[https://github.com/MicrosoftLearning/PL-400 Microsoft-Power-Platform-Developer/tree/master/Instructions/Labs](https://github.com/MicrosoftLearning/PL-400-Microsoft-Power-Platform-Developer/tree/master/Instructions/Labs)