



55265 Microsoft PowerApps

Summary

Length: 16 hours Level: Foundational

Students will be taught how to design, test and publish new apps that work with a variety of data sources. We will take users through a selection of well-crafted lessons to help them build new applications for their business. This course may earn a Credly Badge.

Learning Objectives

After completing this course, students will be able to:

Understand when to use PowerApps

Describe the components of PowerApps and their correct use

Create PowerApps from existing data sources

Brand PowerApps

Customize PowerApps beyond just using the automated wizards

Connect to a range of data sources from Excel to Azure SQL

Understand the difference between canvas apps and model-driven apps

Integrate PowerApps with other Office 365 systems including Teams and SharePoint Online

Administer and Maintain PowerApps

Course Outline

1. An Introduction to PowerApps

What is PowerApps?

The benefits of apps

How to get PowerApps

Canvas Apps and Model-Driven Apps

License Options and Costs

Discover PowerApps with Templates

Lab 1- Introduction to PowerApps

2. Getting Started with PowerApps

Building a new app from a data source

Add, edit and remove controls

Intro to Formulas

Testing an app

App Settings

Publish and Share Apps

Version History and Restore

PowerApps Mobile App

Lab 1- Getting Started

3. Branding and Media

Less is more

Duplicate Screens

Fonts

Screen Colours and Matching Colours

Screen Backgrounds

Buttons and Icons

Hide on Timer

Size and Alignment by reference
Show and Hide on Timer
Lab 1- Branding and Media

4. PowerApps Controls

Text Controls for Data Entry and Display
Controls - Drop downs, combo box, date picker, radio button and more
Forms - Add and edit data in underlying data sources quickly
Charts - present information in pie, line and bar charts
Lab 1- Build Apps from Blank

5. Data Sources and Logic

Data Storage and Services
How do I decide which database to use?
Connect to on-premises data - Gateway
What is Delegation?
Specific Data Examples
Displaying Data
Lab 1- Data Source and Logic

6. Model-Driven Apps

What is a model-driven app?
Where will my data be stored?
How do create a model-driven app
Canvas vs model-driven summary
Lab 1- Model-Driven App

7. PowerApp Integration

Embed PowerApps in Teams
Embed PowerApps in SharePoint Online
Start a Flow from a PowerApp
Lab 1- PowerApp Integration

8. Administration and Maintenance of PowerApps

Identify which users have been using PowerApps
Reuse an app in another location (move from testing or development to production)
Review app usage
Prevent a user from using PowerApps
Manage environments
Lab 1- Administration and Maintenance

Audience

This class has something for everything, from beginners who wish to customise their data entry forms in SharePoint right up to advanced users who need to use advanced formulas to deliver more bespoke actions to their apps.

Prerequisites

While there are no prerequisites for this course, please ensure you have the right level of experience to be successful in this training.

