

**Comprehensive Power Apps**

**Course Number:** PPL-116
**Duration:** 2 days

**Overview**

This Comprehensive Power Apps course teaches attendees how to create custom apps in the cloud to automate business processes. Students learn how to create canvas apps using templates, apps from SharePoint, and more, in a low-code environment. Throughout the class, attendees get real-world, hands-on practice creating and editing several small apps and adding Power Automate flows to those apps. Attendees then go beyond the basics and build more sophisticated custom apps in a low-code environment.

**Note:** This 2-day course combines our 1-day [Introduction to Power Apps](file:////training/microsoft-power-apps-for-end-users) and [Intermediate Power Apps](file:////training/power-apps-intermediate) courses.

**Prerequisites**

All students must be familiar with Power Automate.

**Materials**

All Power Apps training students will receive comprehensive courseware.

**Software Needed on Each Student PC**

In class, we can use your tenant with Microsoft 365, SharePoint Online, Power Automate, and Power Apps or use Accelebrate’s tenant.

**Objectives**

* Understand Power Platform and Power Apps
* Work in Power Apps Studio
* Create and edit canvas apps
* Create an app using SharePoint
* Use Power Automate flows
* Create and customize Power App components
* Work with Power App galleries and containers
* Use Power App Record actions
* Create and use Power App variables
* Use Power Automate within Power Apps

**Outline**

* Introduction to Power Apps
	+ What is the Microsoft Power Platform?
	+ What is Power Apps?
	+ What are Some Example Apps?
	+ What are the Components of a Power App?
	+ What are the 5 Steps to Creating an App?
	+ Logging in to Power Apps
* Create a Canvas App Using Templates
	+ Create from a Template
	+ Introduction to Power Apps Studio
	+ Using Screen Elements
	+ Previewing the App
	+ Saving and publishing the App
* Editing a Canvas App
	+ Opening an Existing App
	+ Editing Pages & Objects
	+ Using the Formula Bar
	+ Using Media
	+ Inserting New Objects
* Creating an App from a SharePoint List
	+ Create an App using Integrate
	+ Create an App from a SharePoint List from Power Apps
	+ Start from Blank using a Page Design
	+ Additional Editing Options
* Customizing an App
	+ Create an Icon for the App
	+ Adding App to a Team Site
* Using Power Automate within Power Apps
	+ Create a Power Automate Flow
	+ Attach a Flow to a Button
* Working with Components
	+ Creating a Component
	+ Setting Properties of Component
	+ Creating Custom Properties
	+ Adding Components to Screens
	+ Customizing Components
* Working with Galleries
	+ Creating Galleries
	+ Setting Properties of Gallery
	+ Setting up Gallery Items
	+ Connecting a Gallery to a Table
	+ Connecting a Gallery to a Form
* Working with Containers
	+ Working with Containers
	+ Inserting Containers
	+ Setting Container Properties
* Working with Record Actions
	+ Creating Add Record Objects
	+ Creating Delete Record Objects
	+ Creating Edit Record Objects
* Creating and Using Variables
	+ Understanding Power App Variables
	+ Creating Variables
	+ Using Variables
* Using Power Automate within Power Apps
	+ Create a Power Automate Flow
	+ Running Flows in Power Apps
* Using Model-Driven Apps
	+ Using Dataverse
	+ Example Model-Driven Apps
* Conclusion