

COURSE OUTLINE



Course Name: Create And Manage Canvas Apps With Power Apps

Course Code: MS-PL7001

DURATION	SKILL LEVEL	DELIVERY METHOD	TRAINING CREDITS	TECHNOLOGY
1 Day	Beginner	VIL/TILT	N/A	Developer

Course Overview

Create your own data model and canvas app to support a scenario for a fictional company. You're provided high-level specifications on the custom tables, columns and canvas app needed to complete this project.

Pre-requisites

You should understand application development, writing formulas such as those in Excel, and creating, reading, updating, and deleting data.

Course content

Module 1: Get started with Power Apps canvas apps

This module introduces the learner to Power Apps. It starts with an introduction video briefly describing the "why" (case for Power Apps) and the "what" for what users can do with Power Apps. The units then take users through the "how" instilling in them the confidence that they can use Power Apps to interact with their data.

Lesson

- Explore how Power Apps can make your business more efficient
- Use different technologies to perform different tasks in Power Apps
- Build an app in Power Apps in different ways
- Create your first app from data in an Excel workbook

Module 2: Customize canvas app in Power Apps

In this module, we'll show learners how to customize their app, a necessary skill for taking advantage of the capabilities of Power Apps. This unit builds upon the app produced in the first unit.

Lesson

- Change the layout of a gallery
- Change the data that a control portrays
- Modify a form control to show different data fields
- Learn about gallery and form controls
- Add a screen
- Learn how to modify label properties by using basic formulas
- Add labels
- Learn how to create basic screen navigation

Module 3: How to build a User Interface in a canvas app in Power Apps

In this module, learners will learn how to build UI for their app including theming, icons, images, personalization, form factors and controls. In their learning path, thus far, learners have used basic controls with little to no customization. This unit shows how to make an app more personal and help it fit branding or personal requirements.

Lesson

- Understand the basics of building the UI through themes, icons, control customization, and images
- Use personalization in a canvas app
- Learn how to preview and modify an app to fit different form factors

Module 4: Work with external data in a Power Apps canvas app

Learn about the third phase, Drive Value, in the Microsoft 365 adoption framework and how to maximize the value and impact of Copilot for Microsoft 365 for your employees and in your organization.

Lesson

- Gather feedback from users and stakeholders
- Track end user adoption through distribution of surveys
- Review and track adoption score and usage reports in the Microsoft 365 admin center
- Encourage ongoing engagement of Copilot for Microsoft 365

Module 5: Manage roles and role groups in Microsoft 365

Do you need to connect an app to access data? Then this module is for you. It focuses on connecting your app to a data source.

Lesson

- Understand data sources for canvas apps in Power Apps
- Use the Collect function

Module 6: Write data in a Power Apps canvas app

Forms can be used to view, edit, and create records. This module demonstrates how to use forms to write data to your data source. Topics will include form setup, the different form modes, and how to configure a submit button.

Lesson

- Understand how to work with Forms in canvas apps
- Configure a submit button to write data
- Use and Understand the different form modes

Model 7: Publish, share and maintain canvas app

You've built your first app. Now, it's time to publish, share it with others, and maintain subsequent versions of the app.

Lesson

- Learn how to introduce the primary app build
 - Discover how to launch future iterations of the app
 - Learn how to manage versions and publish your app
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Module 8: Guided Project-Create and manage

Create your own data model and canvas app to support a scenario for a fictional company. You're provided high-level specifications on the custom tables, columns and canvas app needed to complete this project.

Lesson

- Connect to data sources in canvas apps
- Build canvas apps screens
- Select appropriate assets and components
- Add canvas app assets and components to screens

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