

PL-7001: Create and manage canvas apps with Power Apps

Course Details

Course Code: PL-7001

Duration: 1 day

Notes:

- This course syllabus should be used to determine whether the course is appropriate for the students, based on their current skills and technical training needs.
- Course content, prices, and availability are subject to change without notice.
- Terms and Conditions apply

Elements of this syllabus are subject to change.

About this course

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.

Prerequisites

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

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Get started with Power Apps canvas apps

Note

App in a Day instructor-led training

Continue your learning journey with the App in a Day instructor-led workshop. This course provides hands-on experience for building custom apps! Browse training events.

Important

Power Virtual Agents capabilities and features are now part of Microsoft Copilot Studio, after significant investments in generative AI and enhanced integrations across Microsoft Copilot.

Some articles and screenshots might refer to Power Virtual Agents while we update documentation and training content.

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.

This module helps prepare you for Exam PL-400: Microsoft Power Platform Developer, Exam PL-200: Microsoft Power Platform Functional Consultant.

Learning objectives

This module explains how to:

- 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.

Customize a canvas app in Power Apps

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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.

This module helps prepare you for Exam PL-400: Microsoft Power Platform Developer, Exam PL-200: Microsoft Power Platform Functional Consultant.

Learning objectives

In this module, you will:

- 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.

Work with external data in a Power Apps canvas app

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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.

Learning objectives

In this module, you will:

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

Write data in a Power Apps canvas app

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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.

Learning objectives

In this module, you will:

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

Publish, share, and maintain a canvas app
Note

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

Learning objectives

In this module, you will:

- 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.

Guided Project - Create and manage canvas apps with Power Apps

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.

Note

This is a Guided Project module where you'll complete an end-to-end project by following step-by-step instructions.

Learning objectives

In this module, you demonstrate your ability to:

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

- Add canvas app assets and components to screens