



## PL-100

# Microsoft Power Platform App Maker Trainer Preparation Guide

January 2024

#### **Course description**

This course will teach how to build apps with low-code techniques to simplify, automate, and transform business tasks and processes using Microsoft Power Platform.

This course contains a 1-day Applied Workshop. This workshop will allow you to practice your App Maker skills by creating an end-to-end solution to solve a problem for a fictitious company. The solution will include a Microsoft Dataverse database, Power Apps canvas app, and Power Automate flows.

#### Learning objectives

After completing this course, students will be able to:

- Design apps and automate workflows
- Create apps and automate workflows
- Analyse and visualize data in context of an app or automated workflow
- Implement and manage apps and automated workflows

#### **App Maker Audience profile**

The App Maker builds solutions to simplify, automate, and transform tasks and processes for themselves and their team where they have deep expertise in the solution business domain. They have basic data modeling, user experience design, requirements analysis, and process analysis skills.

The App Maker creates and enforces business processes, structures digital collection of information, improves efficiency of repeatable tasks, and automates business processes. The App Maker uses the Maker tools of Power Platform to solve business problems. They may use advanced features of Microsoft apps and third-party productivity tools.

The App Maker is aware of the capabilities and limitations of available tools and understands how to apply them. The App Maker is self-directed, and solution focused. They may not have formal IT training but are comfortable using technology to solve business problems with a personal growth mindset. They understand the operational need and have a vision of the desired outcome. They approach problems with phased and iterative strategies.

#### **Audience prerequisites**

- Basic data modeling, user experience design, requirements analysis, and process analysis skills.
- A personal growth mindset and are comfortable using technology to solve business problems.

• An understanding of the operational need and have a vision of the desired outcome. They approach problems with phased and iterative strategies

#### Duration

### 24 hours (3 days)

The following table provides delivery specifications for a 3-day PL-100 course, including Applied Workshop.

Day	Content
Day 1	Course Introduction slide deck
	(time may vary due to the number of student introductions in a given
	course)
	Lab introduction
	Lab 0: Validate lab environment
	Suggestion: Walking students through accessing the lab environments follow
	the leader style can greatly reduce the time the exercise takes and problems
	students may encounter.
	LP1: Intro to Microsoft Power Platform
	Break
	LP2: Introduction to Microsoft Dataverse
	Lab 2.1: Build a data model in Microsoft Dataverse
	LP3: Microsoft Dataverse for Teams
	Lunch
	LP 4: Create a model-driven app in Power Apps
	Break
	Lab 4.1: Work with forms & views
	Lab 4.2: Compose a model-driven app
	Lab 4.3: Import data
	Lab 4.4: Create business process flows and business rules
	Note: If you are pressed for time, you could use this lab as a bonus activity
	for students who are faster.
	Daily wrap up
Day 2	Day 1 recap & Day 2 overview
	LP 5: Create canvas apps in Power Apps
	Break
	Lab 5.1: Build canvas apps
	Suggestion: Walk through the (components exercise) with students, follow
	the leader style.
	Note: there is a bonus exercise at the end. This is optional for students that
	have time).
	LP 6: Automate a business process using Power Automate
	Lunch
	Lab 6.1: Create Power Automate flows
	LP 7: Create and use analytics in Power BI
	Break
	Lab 7.1: Build Power BI dashboards

	LP 8: Get started with AI Builder
	Lab 8.1: Test & deploy
	Daily wrap up
Day 3	Applied Workshop (Including breaks)
	Note 1: The class may need some extra time to finish up labs. Feel free to
	use the first hour or two of class to allow them to wrap them up. Remember
	to condense the Applied Workshop phases accordingly, so they still have
	time to share their solutions.
	Note 2: Based on the size and skill level of your class, you may not need the
	full eight hours. Check in with students at regular intervals and see where
	they are in the exercise. You can also start the presentations early