

**Power Platform Testing**

**Course Number:** PPL-120WA
**Duration:** 1 day

**Overview**

Accelebrate’s Power Platform Testing training course teaches Power Platform developers and test engineers how to create, execute, and automate tests to ensure reliability, performance, and security of their applications.

**Prerequisites**

All attendees should have taken the [Microsoft Power Platform Fundamentals (PL-900) course](file:////training/microsoft-power-platform-fundamentals) or have the equivalent knowledge.

**Materials**

All attendees receive comprehensive courseware covering all topics in the course.

**Software Needed on Each Student PC**

Attendees will not need to install any software on their computer for this class. The class will be conducted in a remote environment that Accelebrate will provide; students will only need a local computer with a web browser and a stable Internet connection. Any recent version of Microsoft Edge, Mozilla Firefox, or Google Chrome will be fine.

**Objectives**

* Understand different types of tests
* Plan, create, organize, automate, and execute tests for canvas apps using Test Studio
* Test model-driven apps using SpecFlow, EasyRepo, and/or Selenium
* Use Power Automate to automate testing scenarios
* Build Power BI Deployment Pipelines to automate moving applications from development to test and on to production.
* Automate Power Apps Tests using Azure DevOps Pipelines (optional)

**Outline**

* Types of Tests
	+ Unit Tests
	+ End-to-End Tests
	+ User Acceptance Tests
* Test Studio
* Testing Model-Driven Apps
	+ SpecFlow
	+ EasyRepo
	+ Selenium
* Automate Testing Scenarios
* Power BI Deployment Pipelines
	+ Development
	+ Test
	+ Production
* Azure DevOps Pipelines (optional)