Mastering Power Apps Training

Duration: **3 Day**

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Overview

Mastering Power Apps provides a deep dive into Microsoft's low-code platform for building business applications. Tailored for users with existing Power Apps experience, this course develops the skills needed to design, implement, and manage advanced Power Apps solutions. Learners will explore responsive design, sophisticated data operations, SharePoint integration, and automation via Power Automate. Through hands-on labs and real-world tasks, learners gain proficiency in app optimisation, administration, and advanced control customisation.

Please note - Under the umbrella term of Power Apps, Microsoft include three types of apps: Canvas Apps, Model-driven apps and Power Pages (previously known as Power Apps Portals). This course exclusively looks at canvas apps and uses generic Office 365 data sources (i.e. not Dataverse or SQL) for examples.

For training on Model-driven apps and Dataverse, please refer to course Mastering Power Platform Dataverse and Model-Driven Apps (QAMPMOD).

Power Pages are covered on the course Microsoft Power Platform Developer (MPL400).

Prerequisites

To fully benefit from this course, learners should have:

- Previous experience with creating basic apps in Microsoft Power Apps
- A working knowledge of Office 365, particularly SharePoint and OneDrive
- Familiarity with Excel formulas and basic data concepts

Attendance of the QA course Microsoft PowerApps Essentials (QAPAESS) can be used to provide the pre-requisite skills for this course.

Dual monitor setup is required for when attending this course via the QA Attend from Anywhere delivery method.

Instructors will demonstrate features throughout the event. Optional Lab exercises are available for students to complete within a delegate created free trial tenancy. Microsoft may require a valid credit card to create 30 day free tenancies which must be cancelled within 30 days to avoid incurring charges. QA have no control over the Microsoft 365 trial tenancy signup or billing process.

Target audience

This course is ideal for:

- Power Platform users ready to advance their app development skills
- Business analysts and citizen developers involved in creating custom data tools and workflow automation
- IT professionals supporting low-code app development in Microsoft environments

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What You Will Learn

By the end of this course, learners will be able to:

- Design apps using advanced controls and custom components
- Create responsive layouts that adjust to different devices
- Implement complex data operations including sorting, filtering, and patching
- Integrate Power Apps with SharePoint and Power Automate
- Apply validation, error handling, and performance tuning techniques
- Manage app environments, versioning, and deployment through the Power Platform admin centre