

Workshop - Power Platform Canvas App Advanced Development 1 Day with Lab

Workshop

Focus Area: Business/IT Alignment

Duration: 1 day

Difficulty: 300

Overview

The Power Platform Canvas App Advanced Development 1 Day with Lab Workshop is a one-day course designed for Power Platform low and pro code developers and power users that focuses on Advanced Topics for Power Apps Canvas apps design, functionality, formulas, and performance considerations

Objectives

After completing this training, students will be able to:

- Gain a deeper understanding using data sources, how data is called and working with delegation
- Learn about available controls, screens, components and responsiveness design within canvas apps
- Learn about performance considerations and working with common formulas.
- Take what you've learned in the classroom and apply it to extend your environment to better meet business requirements.
- Sign up for Office 365 for Enterprise Trial.
- Add a Dataverse environment to your tenant

Key Takeaways Course Material

- Introduction Data Sources and Delegation.
- What are the different components available to design the canvas interface
- Working with common formulas
- Understanding different app and screen properties
- Creating responsive and accessible apps
- Performance considerations

Hands-on Labs

- Most of the concepts covered above will be supported by hands-on labs and demos.
- Attendees have access to resources and labs for up to 6 months after workshop completion.

Agenda

Morning session

- Data sources and Delegation
- Designing the Interface

Afternoon session

- Application Functionality

- Performance Considerations

Plan for a full day. Early departure on any day is not recommended.

Course Details

Module 1: Working with Data Sources

- Data Calls
- Data Sources
- Delegation

Module 2: Design the Interface

- Configure Controls
- Add and Configure Screens
- Lists, Galleries, Tables
- Themes

Recommended Qualifications

This course is designed for IT staff or developers who have at least entry level experience with Power AppsCanvas. In addition, we recommend the following qualifications:

- Experience with Power Apps Maker Portal
- Experience with Power Apps Play and Editor The basic concepts of the product will not be covered in this course. It is expected that the attendees will already possess this knowledge.

- Components
- Responsiveness and Accessibility

Module 3: Application Functionality

- Screen Properties
- Formulas
- Top Functions
- Variables
- Offline Functionality

Module 4: Performance and Optimization

- Best Practices and Guidance
- Troubleshooting
- Upcoming and Experimental Features
- 4 GB RAM
- 128 GB HDD
- Windows 7 SP1 or later
- Office 2016 or Office 365 Enterprise E3 or later
- Internet access with at least 1 Mbps. bandwidth per student.

Contact your Microsoft Account Representative for further details.

For more information Hardware Requirements

- An Intel Core-i5-based PC