



ADVANCED POWER APPS FOR BUSINESS

Course ID : POWER-APPS-ADV



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Duration: 2 Days

(12 Hours) 09:00 AM – 04:00 PM



Price: 10,900 THB

* (excluding VAT 7%)

* Eligible for 200% tax deduction



Training Schedule

www.9experttraining.com

Category: Web Development / Programming

This course is designed to deepen participants' skills in developing low-code/no-code applications using Microsoft Power Apps. It focuses on advanced techniques including the use of functions, controls, custom components, AI Builder, and Power Automate. Learners will gain practical experience through real-world scenarios.

Objectives

1. Learn to use formulas for data manipulation.
2. Design responsive UIs using the new Power Apps interface.
3. Integrate Power Apps with Power Automate.
4. Integrate Power Apps with AI Builder.
5. Optimize app performance for faster execution.

Target Audience

1. Individuals with prior experience using Power Apps.
2. Those seeking to enhance the UX/UI design in their apps.
3. Users aiming to integrate Power Apps with Power Automate and AI Builder.

Prerequisites

1. Prior experience with Power Apps is required. (If not, it is recommended to take the “Power Apps for Business Fundamentals” course first.)
2. Basic knowledge of Power Fx functions such as Text, IF, Navigate, and others.

System Requirements

1. Windows 10 or Windows 11
2. License : Microsoft 365 (Business Basic or higher plans)
3. Mobile/Tablet : Android 10+ or iOS 13+
4. Latest version of Google Chrome or Microsoft Edge

TRAINING TOPICS

DAY 1 Morning Session 9:00 AM – 12:00 PM

1. Working with Data in Power Apps

- Using FILTER, SEARCH, and LOOKUP functions
- Using the Patch function for updating data

2. Enhancing App Capabilities with Functions

- Sending emails from apps
- Accessing user location (GetLocation)
- Conditional logic using IF and SWITCH
- Date and time functions: DateAdd, DateDiff, TimezoneOffset
- Notification and confirmation functions: Notify, Confirm()

DAY 1 Afternoon Session 1:00 PM – 4:00 PM

3. Advanced Controls and Custom Components

- Applying controls such as Radio Buttons, Dropdowns, Date Pickers, Cameras, and Pen Input
- Case Study : Inventory management system for item requests/returns with signature capture
- Creating reusable dialog components

DAY 2 Morning Session 9:00 AM – 12:00 PM

4. Managing Variables

- Understanding and using global and local variables
- Implementing role-based access control using variables

5. UI/UX Design Best Practices for Business Apps

- Designing complex yet user-friendly interfaces
- Creating responsive layouts using Containers for multi-device compatibility

6. Generating PDFs with Power Apps

- Creating and managing dynamic PDF documents within Power Apps

7. Integrating with Power Automate

- Automating workflows by connecting Power Apps with Power Automate
- Handling return values from Power Automate
- Case Study: Saving files to a SharePoint List
- Case Study: Generating PDF files

8. Integrating with AI Builder

- Using AI Builder in Power Apps for document reading and automation
- Case Study: Capturing invoice images and extracting data without manual processing

9. Debugging and Performance Tuning

- Tips for improving app speed and performance
- Using parallel processing to enhance efficiency

10. Deployment Strategies

- Best practices for managing environments (Development, Testing, and Production)
- Deployment processes and version control



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