

Introduction to Intermediate Microsoft Power Apps

2 DAYS

Course Summary

This two-day course is designed for users with no prior experience in Microsoft Power Apps. By the end of the course, participants will have a strong foundational understanding of Power Apps and be able to build, customise, and manage basic to intermediate applications that solve real business problems. The course combines theory, hands-on labs, and collaborative exercises, ensuring a practical understanding of Power Apps within the Microsoft Power Platform.

COURSE CONTENT

Day One : Power Apps Fundamentals

- What is Microsoft Power Apps?
- Understanding the Power Platform
- Overview of Microsoft Power Platform
- Relationship with Power Automate, Power BI, and Dataverse
- Power Apps Concepts and Terminology
- Types of Power Apps: Canvas, Model-driven, and Portal Apps
- Key terminology: controls, formulas, connectors, data sources
- Getting Started: Power Apps Studio
- Navigating the Power Apps interface
- Creating your first Canvas app from a template
- Exploring sample apps
- Data Connections and Sources
- Connecting to SharePoint, Excel, Dataverse, and other sources
- Understanding connectors and permissions
- Building Your First App
- Designing screens and layouts
- Adding and configuring controls (text boxes, dropdowns, galleries, etc.)
- Basic formatting and themes
- Working with Data
- Displaying, adding, editing, and deleting data in your app
- Using forms and galleries
- Basic formulas and expressions

DAY 2 : INTERMEDIATE POWER APPS SKILLS

- Advanced Controls and Components

- Introduction to reusable components
- Working with media (images, audio, video)
- Using charts and icons
- Introduction to Power Apps Formulas
- Understanding Power Fx
- Commonly used functions and expressions
- Implementing conditional formatting and logic
- App Navigation and User Experience
- Screen navigation and transitions
- User input validation
- Creating user-friendly interfaces
- App Security and Sharing
- Managing app permissions
- Role-based access and data security basics
- Publishing and sharing your app with others
- Integrating with Other Microsoft Services
- Introduction to Power Automate for workflow automation
- Embedding Power BI dashboards
- Connecting to Teams and Outlook
- Break
- Hands-On Lab: Build an Intermediate App

This outline can be adjusted to fit specific organizational needs, time zones, or hybrid/virtual delivery formats.