

# INTRODUCTION TO MICROSOFT POWER APPS

COURSE OUTLINE



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TRAINING

# Introduction to Microsoft Power Apps

## Course Aims

This one-day introduction to Microsoft Power Apps gives business professionals and citizen developers the foundational skills to design and build custom applications without extensive coding. Through guided demonstrations and hands-on practice, participants will explore the Power Apps environment, build canvas apps, connect to data sources, design user interfaces, write basic formulas, and integrate apps with Power Automate and Microsoft 365 — empowering them to create custom applications for streamlined business processes.

## Duration

6 hours (Face to Face or Virtual)

## Target Audience

This introductory course is designed for business professionals, citizen developers, and individuals interested in creating custom applications without extensive coding.

## Learning Outcomes

By the end of the course, participants will be able to:

- Understand Power Apps and the different types of apps you can build
- Access the Power Apps environment and navigate its workspace
- Build canvas apps using basic controls and a clear app structure
- Connect Power Apps to data sources and configure data connections
- Design responsive user interfaces with custom controls
- Implement logic using Power Apps formulas and basic expressions
- Work with galleries and collections to manage and display data
- Integrate Power Apps with Power Automate for end-to-end workflows
- Share, collaborate on and deploy apps to mobile devices

# Course Content

## Session 1 - Introduction to Power Apps

- Overview of Power Apps and its role in app development.
- Understanding the different types of Power Apps.

## Session 2 - Getting Started with Power Apps

- Creating a Power Apps account and accessing the Power Apps environment.
- Exploring the Power Apps interface and workspace.

## Session 3 - Building Canvas Apps

- Understanding the canvas app structure.
- Creating a simple canvas app with basic controls.

## Session 4 - Connecting to Data Sources

- Connecting Power Apps to various data sources.
- Configuring data connections for app integration.

## Session 5 - Designing User Interfaces

- Adding and customizing controls on app screens.
- Implementing responsive design for different devices.

## Session 6 - Implementing Logic with Formulas

- Introduction to Power Apps formulas.
- Creating basic expressions for dynamic app behavior.

## Session 7 - Working with Galleries and Collections

- Implementing galleries to display lists of data.
- Utilizing collections for efficient data management.

## Session 8 - Introduction to Model-Driven Apps

- Overview of model-driven apps and their use cases.
- Exploring the model-driven app interface.

## Session 9 - Integrating Power Apps with Power Automate

- Creating automated workflows with Power Automate.
- Triggering flows from Power Apps for seamless processes.

## Session 10 - Power Apps Mobile App Overview

- Understanding the Power Apps mobile app.
- Testing and deploying apps on mobile devices.

## Session 11 - Sharing and Collaborating on Power Apps

- Configuring app sharing and permissions.
- Collaborating on app development with colleagues.

## Session 12 - Best Practices for Power Apps

- Guidelines for efficient app design and organization.
- Tips for optimizing app performance and user experience.