

# Power Apps Advance Features

**Duration: 24 hours**

## Overview

This detailed course on Microsoft Power apps equips you with the vital skills and knowledge required to excel in creating, automating, and integrating data-centric solutions. Beginning with an introduction to the fundamental components and features of the Power Platform, the course covers building functional Canvas Apps, utilizing Power Automate for process automation, and mastering Dataverse for effective data management. It also includes designing web pages with Power Pages and integrating PowerApps with Power BI for impactful data visualization. By the end of the course, participants will possess the tools and techniques needed to optimize business processes, enhance user experience, and fully harness the capabilities of Microsoft's powerful ecosystem.

## Audience Profile

Learn to create custom apps for your business with no coding experience in our course, tailored for aspiring app creators and business professionals.

- Business Analysts
- Project Managers
- Business Stakeholders
- App Developers (beginners)
- Solution Architects (seeking rapid prototyping skills)
- Educators and Trainers (in technology and business processes)
- Power Platform Enthusiasts

## Audience Pre-requisites

Familiarity with fundamental concepts of databases and data management will be beneficial. Fundamental knowledge with Power Apps, Power BI is recommended. A keen interest in learning about AI integration and a willingness to explore new technologies will help you maximize the benefits of this course.

# Course Syllabus

## Module 1: Getting started with Microsoft Power Platform

- Components of Power Platform
- Data Connectors
- Manage environments and Solutions
- Creating Canvas Apps
- Power Apps Expressions
- Introduction to Delegation

## Module 2: Building Data -Driven Canvas Apps

- Screen Design Guidelines
- Displaying Repeating Data using Galleries
- Using Table Functions to Filter and Sort Data
- Updating Data using Edit Forms and Data Cards
- Customizing SharePoint List forms
- Variables & Collections
- Using Patch
- Designing Reusable Components

## Module 3: Getting Started with Power Automate

- Power Automate Fundamentals
- Creating and Testing Flows
- Using Control-Of-Flow Actions
- Writing Flow Expressions
- Automating Approval Process
- Integrating Power Apps with Automate
- Integrating Flow with Microsoft forms
- Understanding Parallel Execution
- Executing Child flows from a Parent Flow
- Creating and Testing Custom Connectors

## Module 4: Working with Dataverse

- Creating a Dataverse Database
- Tables and its types
- Importing data into Dataverse

- Create model-driven apps
- Design forms
- Design views
- Test your app
- Configure business process flows

## **Module 5: Design Web pages using Power Pages**

- Get Started with Power Pages
- Core components of Power Pages
- Explore Power Pages templates
- Explore Power Pages design studio
- Introduction to Power Pages administration
- Work with Power Pages metadata
- Set up Power Pages security
- Build user experience in Power Pages

## **Module 6: Integrating PowerApps with Power BI**

- Overview of Power BI Integration features
- Embedding Power BI dashboard Tiles in PowerApps
- Extending Power BI Reports using Canvas Apps
- Triggering Flows using Power BI Dashboard Alerts