

# Power Apps and Pages with AI

**Duration: 32 hours**

## Overview

Unleash the full potential of Microsoft Power Apps and the integration capabilities with AI into your Power Apps and Power Pages. This comprehensive course is designed to guide you from the basics to advanced applications, empowering you to create intelligent, data-driven solutions that drive business success.

Throughout the course, you'll gain a deep understanding of the core components of Power Apps, including Microsoft Dataverse, canvas apps, and model-driven apps. You'll learn how to design and manage web pages using Power Pages and explore the powerful AI features available through AI Builder and Copilot. By the end of this course, you'll be equipped with the skills to build sophisticated, AI-enhanced applications and web pages using Microsoft Power Platform. You'll be able to transform your ideas into intelligent, actionable solutions that can significantly impact your business.

## 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. Prior experience with Power Apps, Power Pages, or any other Power Platform tools is recommended but not required. 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

## Module 2: Microsoft Dataverse

- What is a relational database?
- Introduction to Microsoft Dataverse
- Create and manage tables in Microsoft Dataverse
- Create and manage columns in Microsoft Dataverse
- Create relationships between tables in Dataverse
- Create and define calculated and rollup columns in Dataverse
- Create and define business rules in Dataverse

## Module 3: Canvas apps in Power Apps

- Getting started with Power Apps
- Introduction to canvas apps
- Create a canvas app in Power Apps
- Using and describing controls in a canvas app in Power Apps
- Create formulas to change properties of a canvas app
- Navigation in a canvas app
- Managing apps in Power Apps
- Connect to other data in canvas apps
- Components in Canvas apps
- Test your application

## Module 4: Model-driven apps in Power Apps

- Introduction to model-driven apps
- Create model-driven apps
- Design forms
- Design views
- Configure charts and dashboards

- 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: Adding Intelligence to your Apps**

- Get Started with AI builder
- AI models and business scenario
- Prebuilt AI models
- Custom AI models
- Build and train AI model
- AI builder in canvas apps
- AI builder in Model Driven apps
- AI builder in PowerPages

## **Module 7: Copilot in Power Apps**

- Build good prompts
- Create a Table with Copilot
- Modify the Table with Copilot
- Create an Application with Copilot
- Use Copilot to edit your app
- Create Power Fx formulas with Copilot
- Add Copilot to a model-driven app