

# **Power Apps with Automate**

## **Course description:**

The Power Apps with Automate course is designed to provide a comprehensive understanding of creating, customizing, and integrating applications using Microsoft's Power Apps platform, enhanced with Copilot's AI capabilities. This hands-on course is ideal for individuals who want to build and optimize business applications using low-code techniques and AI-driven suggestions.

## **Learning Objectives:**

After completing this course, students will be able to:

- Understand the fundamentals of Microsoft Dataverse and manage customizations with solutions.
- Create, manage, and customize tables and columns in Microsoft Dataverse.
- Design and build model-driven and canvas-based Power Apps applications.
- Develop business rules and logic with calculated columns, rollup columns, and business process flows.
- Develop comprehensive flows using Power Automate.
- Use Copilot to enhance Power Apps development with AI-generated suggestions and tools.

## **Audience Prerequisites:**

- Basic Understanding of Business Processes
- Technical Literacy
- Problem-Solving Skills
- Microsoft 365 Familiarity (Optional)

## **Audience Profile:**

Participants in this course will be able to harness the power of Copilot to streamline the development of Power Apps and Power Automate. They will learn to build business applications efficiently by utilizing AI-driven assistance, leading to faster deployment and improved workflows. This course is suitable for business professionals, IT personnel, and developers interested in exploring the future of low-code development with artificial intelligence. By the end of the course, attendees will be equipped to implement AI-enhanced solutions that drive innovation and operational efficiency within their organizations.

## **Duration:**

24 Hours (3 days)

Learning Path(LP)	Content
1.	<b>Introduction to Power Platform and Microsoft Dataverse</b> LP 1.1: Introduction to Power Platform LP 1.2: Getting started with Power apps. LP 1.3: Manage environments. LP 1.4: Manage customizations with solutions
2.	<b>Experiencing Data Model</b> LP 2.1: Create and manage tables in Microsoft Dataverse LP 2.2: Create and manage columns in Microsoft Dataverse LP 2.3: Create relationships between tables in Microsoft Dataverse LP 2.4: Create and define calculated and rollup columns in Microsoft Dataverse LP 2.5: Define and create business rules in Microsoft Dataverse LP 2.6: Types of Power Apps
3.	<b>Canvas Application</b> LP 3.1: Get started with Power Apps LP 3.2: Understanding Low Code as a Traditional Developer LP 3.3: Customize a canvas app in Power Apps LP 3.4: Navigation in a canvas app in Power Apps LP 3.5: Power Fx formulas LP 3.6: Canvas components LP 3.7: Test your Power Apps application

4.	<b>Model Driven Application</b> LP 4.1: Design and create model-driven apps LP 4.2: Configure forms LP 4.3: Configure views LP 4.4: Configure charts LP 4.5: Configure dashboards LP 4.6: Create business process flows
5.	<b>Get Started with Power Automate Flows</b> LP 5.1: Cloud flows and its types LP 5.2: Scheduled flow LP 5.3: Automated flow LP 5.4: Instant flow LP 5.5: Power Automate Logics
6.	<b>Get Started with Copilot on Microsoft Power Apps</b> LP 5.1: Build good prompts LP 5.2: Create a Table with Copilot LP 5.3: Modify the Table with Copilot LP 5.4: Use Copilot to build a canvas app LP 5.5: Add Copilot to a model-driven app