Power Apps with Automate and SharePoint + Workshop

Course description:

The Power Apps with Automate and SharePoint course is designed to provide a comprehensive understanding of creating, customizing, and integrating applications using Microsoft's Power Apps platform, understanding the basics of Power Automate, exploring the Fundamental concepts of SharePoint 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:

- Explore the basics of SharePoint with site/ list and document library creation.
- Design and build canvas-based Power Apps applications.
- Develop business logic with business process flows.
- Develop comprehensive flows using Power Automate.

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: 3 Days (2days for modules + 1 Day for workshop)

Course Content:

Module 1: Power Platform Overview

- Introduction to Power Platform
- Role of Power Platform in digital transformation
- Core Components of Power Platform and its types
- Environments and Solutions
- Connectors

Module 2: Canvas Application

- Get started with Power Apps
- Types of Power Apps
- Create a Canvas app with Power Apps
- Controls in Canvas Apps
- Customize a canvas app
- Power Fx formulas
- Test your Power Apps application

Module 3: Getting Started with SharePoint

- Navigating SharePoint Sites
- Using Lists to Track Information
- Using Document Libraries to Share and Organize Documents
- Finding, Sharing, and Archiving Content
- SharePoint Online vs. On-Premises
- Integrating SharePoint with Power Apps
- Customizing SharePoint forms with Power Apps

Module 4: Get Started with Power Automate Flows

- Introduction to Power Automate and use cases
- Cloud flows and its types
- Key Concepts of Flows
- Business Process Flows
- Create a Simple Flow
- Power Automate Logics
- Error handling
- Monitor Flows

Practical Workshop on Power Apps and Automate