Power Apps with Automate and SharePoint

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.
- 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)

Course Content:

Module 1: Power Platform Overview

- Introduction to Power Platform
- Environments and Solutions
- Connectors

Module 2: 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

Module 3: Experiencing Data Model

- Create and manage tables in Microsoft Dataverse
- Create and manage columns
- Create relationships between tables
- Create and define calculated and rollup columns
- Define and create business rules
- Types of Power Apps

Module 4: Canvas Application

- Get started with Power Apps
- Customize a canvas app in Power Apps
- Navigation in a canvas app in Power Apps
- Power Fx formulas
- Canvas components
- Test your Power Apps application

Module 5: Model Driven Application

- Design and create model-driven apps
- Configure forms
- Configure views
- Configure charts
- Configure dashboards
- Create business process flows

Module 6: Get Started with Power Automate Flows
- Cloud flows and its types
- Scheduled flow
- Automated flow
- Instant flow
- Power Automate Logics

Module 7: Get Started with Copilot on Microsoft Power Apps
- Build good prompts
- Create a Table with Copilot
- Modify the Table with Copilot
- Use Copilot to build a canvas app
- Add Copilot to a model-driven app