

Microsoft Power Apps with AI Builder

Duration: 24 hours

Overview

The Microsoft Power Apps course is designed to educate learners on building custom applications without the need for extensive coding knowledge. This comprehensive course guides participants through the process of creating, sharing, and administering apps using Microsoft Power Apps, a Low-code platform along with the capabilities of AI builder.

Audience Profile

The Microsoft Power Apps course equips participants with skills to build custom apps with no coding required.

- Business Analysts
- App Developers
- IT Professionals
- Project Managers
- System Administrators
- Solution Architects
- Power Users
- Technical Consultants
- Process Owners
- Department Heads looking to streamline operations

Audience Pre-requisites

Familiarity with fundamental concepts of databases and data management will be beneficial. 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: An Introduction to PowerApps

- What is PowerApps?
- The benefits of apps

- How to get PowerApps
- Canvas Apps and Model-Driven Apps
- License Options and Costs
- Discover PowerApps with Templates

Module 2: Getting Started with PowerApps

- Building a new app from a data source
- Add, edit and remove controls
- Intro to Formulas
- Testing an app
- App Settings
- Publish and Share Apps
- Version History and Restore
- PowerApps Mobile App

Module 3: Branding and Media

- Less is more
- Duplicate Screens
- Fonts
- Screen Colours and Matching Colours
- Screen Backgrounds
- Buttons and Icons
- Hide on Timer
- Size and Alignment by reference
- Show and Hide on Timer

Module 4: PowerApps Controls

- Text Controls for Data Entry and Display
- Controls – Drop downs, combo box, date picker, radio button and more
- Forms – Add and edit data in underlying data sources quickly
- Charts – present information in pie, line and bar charts

Module 5: Data Sources and Logic

- Data Storage and Services
- How do I decide which database to use?
- Connect to on-premises data -Gateway
- What is Delegation?
- Specific Data Examples
- Displaying Data

Module 6: Model-Driven Apps

- What is a model-driven app?
- Where will my data be stored?
- How do create a model-driven app
- Canvas vs model-driven summary

Module 7: PowerApps Integration

- Embed PowerApps in Teams
- Embed PowerApps in SharePoint Online
- Start a Flow from a PowerApps

Module 8: PowerApps Integration

- Identify which users have been using PowerApps
- Reuse an app in another location
- Review app usage
- Prevent a user from using PowerApps
- Manage environments

Module 9: Using AI Builder in PowerApps

- What is AI Builder?
- AI Builder in Power Apps
- AI model types
- Build a model in AI Builder in PowerApps