

Power Apps Foundations

Enrolling in a Power Apps Foundations course is an excellent starting point for individuals eager to explore the world of low-code app development with Microsoft Power Apps. This foundational program provides students with the essential knowledge and skills needed to embark on a journey of creating custom applications tailored to their organization's specific needs.

Throughout the course, students will gain a solid understanding of the Power Apps ecosystem, learning how to design and build canvas apps and model-driven apps with ease. They'll become proficient in creating user-friendly interfaces, utilizing pre-built templates and controls to craft responsive and intuitive app layouts. Students will also explore the art of data integration, connecting their apps to various data sources, both on-premises and in the cloud, making it easier to manage and analyze crucial business information.

Furthermore, the Power Apps Foundations course will introduce students to essential concepts of app design, data modeling, and basic formulas, enabling them to create functional and efficient applications that address real-world business challenges. By the end of the program, participants will have the confidence and skills to start building customized apps, streamlining workflows, and enhancing productivity within their organizations, all while taking their first steps into the exciting world of low-code development.

Course Outline:

1. Power App Concepts

- What is Power Apps?
- Features of Power Apps
- Environment Setup
- Connecting to Data Sources
- The Panes of Power Apps
- Types of Applications
- Saving & Publishing your Apps

2. Basic App Components

- Understanding Containers
- Understanding the Gallery
- Forms & Data Cards
- Learning Triggers
- Deploying your App

3. Building a Canvas App

- Master Screens
- Object Responsiveness
- Customizing the Gallery
- Modern Forms
- Navigation Buttons

4. Data Manipulation

- Delegation
- Search & Filter Functions
- Data Validation
- Using Tables
- Lookup Functions
- Media Elements
- Adding Call Functionality

5. Advancing your Canvas App

- Nesting Containers
- Other Useful Functions
- Cascading Drop-down lists
- Deleting Records
- Confirm Dialog Box
- Input Elements
- Working with Attachments