

POWER APPS & POWER AUTOMATE

Module 1: Introduction to Power Apps & Power Platform

- Introduction to Power Apps
 - What is Power Apps?
 - Find and Run Apps (Browser, SharePoint Online, Microsoft Teams, AppSource)
 - Use Model-Driven Apps
 - Introduction to the O365 Power Platform
 - The O365 Platform, Power Platform overview
 - Purpose of PowerApps, Flow, and Power BI
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Module 2: Getting Started with Power Apps

- Sign in to Power Apps
 - Find with Unified Search
 - PowerApps Studio Overview
 - Understand app types, environments, and security
 - Create app templates
 - Create apps from scratch
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Module 3: Canvas Apps

- What are Canvas Apps?
 - System Requirements, Limits, and Configuration
 - Keyboard Shortcuts
 - Customize SharePoint list forms
 - Use data services and connections
 - Galleries, formulas, and variables
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Module 4: Model-Driven Apps

- Design and Build an App
- Share and Manage an App
- Advanced App Making and Customization
- Use Performance Insights
- Embed Power Apps and Power Automate in SharePoint and Teams

Module 5: Power Automate Basics

- Who is Power Automate for?
- Types of Flow
- Flow Studio Overview
- Understand triggers, actions, and conditions
- Pull dynamic content from other flow actions
- Save, Check Flow, Test, and Run History
- Approval features in flows

Module 6: Cloud & Desktop Flows

- **Cloud Flows:** Automated, Scheduled, Instant flows
- Popular Cloud Flow Scenarios
- Use Flows with Microsoft Dataverse
- Solutions and AI Builder
- Troubleshooting flows
- **Desktop Flows:** Setup Power Automate for Desktop
- Architecture and Dataverse Database
- Create Desktop Flows
- Trigger a Desktop Flow from Another Flow

Module 7: Business Process Flows & Data Connections

- Create a Business Process Flow
 - Instant Flows in Business Process Flows
 - Enhance Business Process Flows with Branching
 - Add Custom Controls to Business Process Flows
 - Connect to Data
 - Available Connections
 - Manage Connections
 - Manage and Understand Gateways
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Module 8: SQL for Power Platform

- SQL Basics: Table Creation, Insert, Update, Delete, Select
- Clause Operations (Where, Group by, Having, Order by)
- Operators (IN, LIKE, ISNULL, Union)
- Joins (Inner, Outer)
- Sub Queries (Inner Query & Outer Query)
- Data Modeling using SQL
- Views Creation
- Analytical Functions (Rank, Dense_Rank, Partition by)

*****Note:** This outline is comprehensive and can be tailored based on course duration, depth of coverage, and the participants expertise levels. As technology continues to evolve, it is crucial to review and update the content regularly to incorporate emerging tools, practices, and industry best standards.

