

## **DAY 1 – Power Apps Foundations & Core App Building**

### **Learning Objectives**

- Understand where and when to use Power Apps
- Build a functional Canvas App using business data
- Apply basic formulas, navigation, and UX principles

### **Modules:**

#### **Module 1.1 – Power Platform Foundations**

- Power Platform overview (focus on Power Apps)
- When to use Power Apps vs when NOT to
- Canvas vs Model-driven apps (decision guidance)
- Standard vs Premium connectors (cost & governance view)
- Environments overview: Dev / Test / Prod (conceptual)

#### **Module 1.2 – Data Literacy for Power Apps**

- Tables, columns, records (Excel → Power Apps mapping)
- Data sources: SharePoint, Excel, Dataverse (when to use what)
- Data types: text, number, date, choice, lookup
- Basic relationships and simple data modeling concepts

#### **Module 1.3 – Building Your First Canvas App**

- Power Apps Studio overview
- Screens, controls, and modern controls
- Galleries and Forms (view & edit data)
- Navigation between screens
- Basic UX principles (layout, naming, accessibility basics)

### **Hands-on Lab**

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## **DAY 2 – Logic, Automation, Governance & Readiness**

### **Learning Objectives**

- Implement logic using Power Fx

- Automate simple business processes
- Understand governance, troubleshooting, and lifecycle basics

## **Modules:**

### **Module 2.1 – Power Fx & App Logic**

- Power Fx basics: If, Switch, Notify
- Referencing controls and variables
- Patch basics (simple create/update)
- Delegation awareness (what breaks and why)
- Simple performance best practices

### **Module 2.2 – Automation with Power Automate**

- Power Automate overview (Power Apps trigger)
- Sending notifications (Outlook / Teams)
- Simple approval flow concept
- Basic API / throttling awareness

### **Module 2.3 – Governance, Testing & Troubleshooting**

- App sharing and permissions (who gets what access)
- DLP policy awareness (do's & don'ts)
- Lifecycle overview: Dev → Test → Prod (high level)
- Using Monitor for basic troubleshooting
- Common errors: delegation, Patch, flow failures

### **Module 2.4 – Collaboration & Citizen Developer Mindset**

- Identifying a process suitable for Power Apps
- Working with SMEs and gathering requirements
- Basic test cases and user feedback
- Responsible experimentation and IT alignment

## **Hands-on Lab**