

Power Apps & Automate

• Real-Time Working • Detailed Subject • Interview Suitable

-  **Mr. Vijay [10+ Years of IT Experience]**
-  **60 hrs (Normal Track) , Daily 1 hour**
-  **Normal / Fast Track / 1 on 1 / Customized**
-  **Rs. 14,000**
-  **Multiple timings available**



INSTITUTE PROVIDES

- * One **Near Real Time** Project
- * In-Depth **Theory & Practical** Material
- * Complete **Practical Oriented** Training
- * Mock Interviews
- * Case Studies / User Stories / Sprints
- * Daily **Live Class Videos**
- * **FAQ Tests** in Whatsapp
- * **Resume Preparation** Sessions

Concepts

1. Overview of PowerApps
2. Overview of Canvas Apps & Controls
3. Navigations & Notifications
4. Connectors in PowerApps
5. Data Table, Gallery & Form in PowerApps
6. Implementation of Search & Sort Functionality
7. Logical Conditions in PowerApps
8. How to Use Variables in PowerApps
9. Advance formulas & functions in PowerApps
10. Collections in PowerApps
11. Introduction to Model Driven PowerApps
12. Troubleshoot (Debug Process and Methodologies)
13. Introduction to Microsoft Dataverse
14. Power BI Report Embed in Power Apps
15. Power Automate, Power Apps Embed in Power Automate

COMPONENTS

Complete Introduction to Power Automate	Data Operators
Create a Power Automate Account	Export and Import the Flows
Overview of Power Automate	Power Automate Mobile
Triggers	Connectors
Actions	Share the Flows
Automated Cloud Flows	Licenses
Approvals	Approvals
Scheduled Cloud Flows	Parent Flows and Child Flows
Instant Cloud Flows	Flow Settings
Variables	Flow Action Settings
Control Statements	Deployment Pipeline

Power Apps

1. Overview of Power Apps

- › Types of PowerApps
- › PowerApps building blocks
- › PowerApps development environment setup
- › PowerApps for admins
- › PowerApps for developers

2. Overview of Canvas Apps & Controls

- › Create a blank canvas app
- › Create an app from template
- › Create an app from a data source (SharePoint)
- › Create a canvas app from excel
- › Explanation of Canvas App Layouts
- › Create a Blank Canvas App Types of Screens in Canvas App
- › Canvas App Screen Properties Renaming & Reorder Screen

3. Navigations & Notifications

- › Navigate Functions & Its Parameters
- › Notify PowerApps Functions & Its Parameters

4. Connectors in PowerApps

- › Introduction to PowerApps Connectors
- › Different Types of Connectors in PowerApps
- › Build an App using MS Excel as a data source

5. Data Table, Gallery & Form in PowerApps

- › Introduction to Gallery, Data table & Form
- › Different Between Gallery & Data table
- › Different Type of Galleries in canvas
- › Customization of the forms and Gallery controls

6. Implementation of Search & Sort Functionality in PowerApps

- › What is Search Function & its parameters
- › Implementation of Search function
- › What is Sort Function & its parameters

7. Logical Conditions in PowerApps

- › If – Else Condition & Its Implementation
- › Nested If – Else Conditions Its Implementation
- › Switch Conditions its Implementation
- › Use Cases:
 - o Modifications to data depending on user input
 - o Hide and show controls based on user inputs

8. How to Use Variables in PowerApps

- › What is PowerApps Variables
- › What are Diff types of variables in PowerApps
- › Scope of PowerApps Variables
- › Application of PowerApps Variables
- › Implementation of Dynamic Sort

9. Advance formulas & functions in PowerApps

- › Creating Custom form & using Patch function for Submitting Data
- › Using "UpdateIf" function to update a record
- › Uses of Filter, LookUp Function in PowerApps
- › Difference Between Filter, LookUp & Search
- › Implementation of Cascading Dropdown Lists of Dynamic Sort

10. Collections in PowerApps

- › What is Collection
- › How to create and use collection(s)
- › Diff between "Collect" & "Clear Collect"

11. Introduction to Model Driven PowerApps

- › Overview of Model Driven PowerApps
- › What is site map, how to map Dataverse table
- › Create views in model driven app
- › Create forms in model driven app
- › Business Roles in model driven app
- › Create charts in model driven app
- › Create Dashboard in model driven app

12. Troubleshoot (Debug Process and Methodologies)

- › Debug Power Apps with Monitor
- › Common issues and resolutions
- › Get a session or app ID
- › Change Power Apps Studio version
- › Troubleshoot startup issues for Power Apps

13. Introduction to Microsoft Dataverse

- › Overview of Dataverse
- › Diff Type of Table is Dataverse
- › Create a Table in Dataverse
- › Views & Forms in Dataverse
- › Define Relationships in Dataverse
- › Use Power BI with Dataverse
- › Create Power BI report and dashboards
- › View table data in Power BI Desktop

14. Power BI Report Embed in Power Apps

- › Adding Power BI Reports in Power Apps
- › Create Mobile and Tab Views for Power BI Reports in Power Apps
- › Power Apps usage as a Visual in Power BI

15. Power Automate, Power Apps Embed in Power Automate

- › What is Power Automate and Basic Examples
- › Calling Power Apps in Power Automate

COMPLETE INTRODUCTION TO POWER AUTOMATE

- ▶ Introduction to Power Automate
- ▶ What are Workflows
- ▶ What is Automation
- ▶ What is Power Automate
- ▶ Types of Power Automate Flows
 - ▶ Cloud Flows
 - ▶ Automated Cloud Flows
 - ▶ Scheduled Cloud Flows
 - ▶ Instant Cloud Flows
 - ▶ Desktop Flows
 - ▶ Business Process Flows
- ▶ What is Flow in Power Automate

CREATE A POWER AUTOMATE ACCOUNT

- ▶ Creating Power Apps Account
- ▶ SIGN IN to Power Apps Account

OVERVIEW OF POWER AUTOMATE

- ▶ Power Automate User Interface
- ▶ Left Navigation Pane Overview

TRIGGERS

- ▶ What is Trigger
- ▶ Need of Triggers
- ▶ Types of Triggers
 - ▶ Automated Trigger
 - ▶ Scheduled Trigger
 - ▶ Instant Triggers

ACTIONS

- ▶ What is an Action
- ▶ Need of Actions
- ▶ What the Actions Contains

AUTOMATED CLOUD FLOWS

- ▶ Build the Automated Flows from a Template
- ▶ Customize the Template Flows according to Business
- ▶ Build an Automated Cloud Flows from the Blank

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- ▶ Save Gmail attachments automatically in Google Drive
- ▶ Save office 365 Email attachments in One drive for business folder
- ▶ When a file is added into the One drive folder sent an email Notification
- ▶ When an email received in the outlook send a Notification message in the teams chat
- ▶ When the New Student Details is Inserted in Sql Server then I need to Send an Email Regarding Course Details
- ▶ When an item is created in the SharePoint List Send an Email Regarding Course Details
- ▶ When an Email arrives insert the Email Information in the SharePoint List/SqlServer Tables
- ▶ When an item is deleted in SharePoint List
- ▶ When an item is created or modified in SharePoint List
- ▶ When a file is created in SharePoint
- ▶ When a file is deleted in SharePoint
- ▶ Send an Email Notification to the Manager when the employee submit the Timesheet and also send the Email to Employee regarding the Timesheet is Submitted Successfully.

APPROVALS

- ▶ Single Level Approval (Manager)
- ▶ Multi-Level Approvals (Team Lead , Manager & HR Approval)
- ▶ Wait for an Approval
- ▶ Auto Approve
- ▶ Assign the Approvals to another User

SCHEDULED CLOUD FLOWS

- ▶ Build the Scheduled Flows from a Template
- ▶ Customize the Template Flows according to Business
- ▶ Build an Scheduled Cloud Flows from the Blank
- ▶ Send an email to the employees every day at morning 8:00 AM recording weather report
- ▶ Send an Email to the Employees on every Friday to Fill the Timesheet
- ▶ Send an Email to the Manager Every Day at (5:00 PM) Regarding the Employees Performance
- ▶ Send birthday wishes to the employees in the organization on the birthday automatically
- ▶ Refresh the power BI reports automatically

INSTANT CLOUD FLOWS

- ▶ Build the Instant Flows from a Template
- ▶ Customize the Template Flows according to Business
- ▶ Build an Instant Cloud Flows from the Blank
- ▶ Send an Email Instantly when there is a Quick Meeting

VARIABLES

- ▶ What are Variables
- ▶ Types of Variables
 - ▶ Initialize Variable
 - ▶ Set Variable
 - ▶ Increment Variable
 - ▶ Decrement Variable
 - ▶ Append to String Variable
 - ▶ Append to Array Variable

CONTROL STATEMENTS

- ▶ What are Control Statements
- ▶ Types of Control Statements
 - ▶ Condition (If)
 - ▶ Switch
 - ▶ For each
 - ▶ Do Until
 - ▶ Scope
 - ▶ Terminate

DATA OPERATORS

- ▶ Data Operators
- ▶ Types of Data Operators
 - ▶ Compose
 - ▶ Join
 - ▶ Select
 - ▶ Filter Array
 - ▶ Create CSV Table
 - ▶ Create HTML Table
 - ▶ Parse JSON

EXPORT AND IMPORT THE FLOWS

- ▶ Export or Import Flow from One Environment to another Environment
- ▶ Import a Flow from a Tenant to another Tenant

POWER AUTOMATE MOBILE

- ▶ What is Power Automate Mobile App
- ▶ How to Install the Power Automate Mobile App in Mobile Phone
- ▶ Power Automate Mobile App User Interface (UI)
- ▶ How to Create a Flow on Power Automate Mobile App

CONNECTORS

- ▶ What is Connector
- ▶ Types of Connectors
 - ▶ Standard Connectors
 - ▶ Premium Connectors

SHARE THE FLOWS

- ▶ Share the Flows to Users
- ▶ Add the Users to Flows Environment

LICENSES

- ▶ Types of Licenses in Power Automate
 - ▶ Power Automate Premium
 - ▶ Power Automate Process

PARENT FLOWS AND CHILD FLOWS

- ▶ What are Parent Flows
- ▶ What are Child Flows
- ▶ Call Child Flows in Parent Flows
- ▶ Run or Trigger a FLOW - from another Flow

FLOW SETTINGS

- ▶ Edit, Share, Save as, Send a Copy, Export, Run History
- ▶ Analytics, Turn On, Repair Tips on, Details

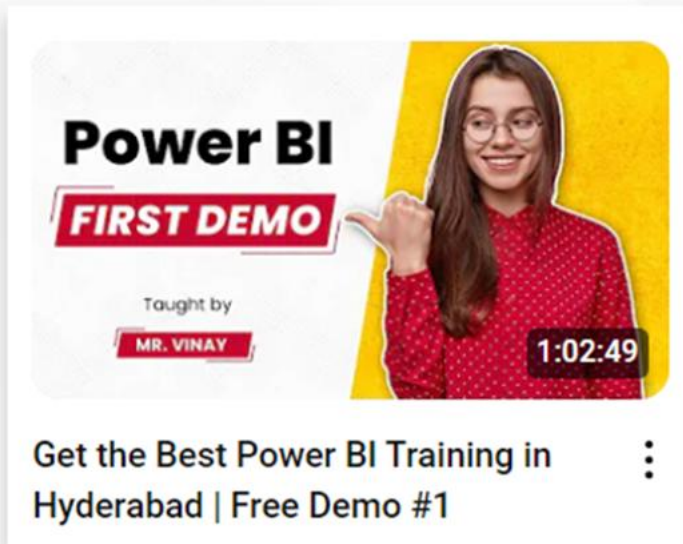
FLOW ACTION SETTINGS

- ▶ Copy to Clipboard, New Comments, Rename, Add note, Static Result
- ▶ Settings, Configure Run after, Peek Code, Delete

DEPLOYMENT PIPELINE

- ▶ Create a Deployment Pipeline
- ▶ Assign the Environment to the Pipeline

A Big Thank you



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POWER BI

DATA ANALYST/ ANALYTICS

MICROSOFT FABRIC

SQL SERVER

ADE / AZURE BI

ADF: AZURE DATA FACTORY

ADB: AZURE DATA BRICKS

MSBI

POWER APPS

POWER AUTOMATE

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For more information, Call us on: +91 9859 831 831

606, Nilgiri Block, Adithya Enclave, Beside Ameerpet Metro, Hyderabad