



CLASS ROOM TRAINING / WEEKEND / ONLINE TRAINING



POWER APPS & POWER AUTOMATE



Power
Apps



Power
Automate



SharePoint



Dataverse



Power
Platform



Build Powerful
Apps



Automate
Workflows



Boost
Productivity



Transform
Your Business



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Power Platform Complete Introduction

- ✓ Power Platform Introduction
- ✓ Business Application Process
- ✓ Implement Business Application Process using Power Platform
- ✓ Power Platform Architecture
- ✓ Power Platform Products
- ✓ Power Apps, Power Automate, Power BI, Power Virtual Agent, Power Pages, Dataverse

SharePoint Software Overview

- ✓ What is SharePoint
- ✓ What is Data Source
- ✓ How to Open the SharePoint
- ✓ What is Site
- ✓ Types of Sites
 - ✓ Team Site
 - ✓ Communication Site
- ✓ What is List
- ✓ Create a List in the Site
- ✓ Add the Columns to List
- ✓ Data Types
- ✓ Insert, Update, Delete the Data in the List
- ✓ How to take the Site URL

Power Apps Software Overview

- ✓ Introduction to Power Apps
- ✓ What Power Apps
- ✓ How to Open the Power Apps
- ✓ Create a Simple App in Power Apps
- ✓ Establishing the Connections to the Data Sources from Power Apps
- ✓ How to Connect to the SharePoint from Power Apps
- ✓ What are Connectors
- ✓ Different types of Connectors
- ✓ How to Submit the Data to the SharePoint from Power Apps

Power Automate Software Overview

- ✓ Introduction to Power Automate
- ✓ What is power Automate
- ✓ What is Automation
- ✓ How to Perform the Automation using Power Automate
- ✓ Types of Flows
 - ✓ Automated Cloud Flow
 - ✓ Scheduled Cloud Flow
 - ✓ Instant Flows
- ✓ How to Open the Power Automate
- ✓ Create an Automated Cloud Flow
- ✓ Create a Scheduled Cloud Flow
- ✓ Create an Instant Cloud Flow
- ✓ Establish the Connections to the SharePoint Site from Power Automate

Power BI Software Overview

- ✓ Introduction to Power BI Software
- ✓ What is Power BI
- ✓ Who will use the Power BI Software
- ✓ Data Analysis Process / Business Intelligence process
- ✓ Power BI products
- ✓ Power BI Desktop
- ✓ Flow of Work in Power BI Desktop
- ✓ Power BI Service
- ✓ What are Visuals, Reports, Datasets

Power Apps

Introduction to Power Apps

- ✓ Overview of Power Apps
- ✓ What is Power Apps
- ✓ Connectors
- ✓ Types of Apps
 - ✓ Canvas Apps
 - ✓ Model Drive Apps
 - ✓ Portal Apps
- ✓ What is Canvas App
- ✓ What is Model Driven App
- ✓ Difference b/w the Canvas Apps and Model Driven Apps
- ✓ How to Open the Power Apps

Power Apps User Interface (UI)

- ✓ Overview of Power Apps User Interface (UI)
- ✓ Overview of Canvas Apps User Interface (UI)
- ✓ Canvas / Screen Pane, Power Apps Studio Ribbon Pane
- ✓ Properties Pane, App Authoring Menu
- ✓ Properties List, Formula Bar
- ✓ App Actions Pane, Screen Selector Pane

Build an App using Canvas App

- ✓ Create an App from the Blank Screen
- ✓ Create a Welcome Screen
- ✓ Launch Function
- ✓ Navigate function
- ✓ Create an Icon to Connect to the Website from Canvas App
- ✓ Create a Call Icon to Contact to the Customer Care from Canvas App
- ✓ Create a Call Icon to Contact to the Customer Care through What's App

Forms

- ✓ What is a Form
- ✓ Create a Form in Canvas App
- ✓ Connect to the Data Sources
- ✓ How the Form can Connect to the Data Sources
- ✓ How to add the Fields to the Form
- ✓ How to Rearrange the Fields in the Forms
- ✓ Submit Form to the Data Source
- ✓ Reset Form
- ✓ Navigate from One Screen to Another Screen
- ✓ What is Datacards / Fields
- ✓ Star Visible, Error Message, Datacard Value, Datacard Key
- ✓ Datacard Properties
- ✓ Form Properties
- ✓ Form Types
 - ✓ New Form
 - ✓ Edit Form
 - ✓ View Form

Operators in Canvas App

- ✓ Types of Operators
 - ✓ Arithmetic Operators
 - ✓ Comparison Operators
 - ✓ Logical Operators
 - ✓ Special Operators

Functions in Canvas App

- ✓ Text Functions
- ✓ Number Functions
- ✓ Logical Functions
- ✓ Date and Time Functions
- ✓ Statistical Functions
- ✓ Navigation Functions

Text Functions

- ✓ LEN, LOWER, UPPER
- ✓ LEFT, RIGHT, MID
- ✓ PROPER, SUBSTITUTE, REPLACE
- ✓ TRIM, TRIM ENDS, VALUE
- ✓ TEXT, CONCATENATE, SPLIT

Number Functions

- ✓ ABS, MOD, POWER, SQRT
- ✓ ROUND, ROUNDUP, ROUND DOWN
- ✓ INT, TRUNC, RAND
- ✓ RAND BETWEEN, VALUE

Date and Time Functions

- ✓ TODAY, NOW, DATE
- ✓ DAY, MONTH, YEAR
- ✓ WEEKDAY, WEEKDAY NAME, WEEK NUMBER
- ✓ DATE VALUE, DATE ADD, DATE DIFF
- ✓ TIME, HOUR, MINUTE, SECOND
- ✓ TIME VALUE, DATE TIME VALUE

Statistical Functions

- ✓ MAX
- ✓ MIN
- ✓ SUM
- ✓ AVERAGE
- ✓ COUNT, COUNTA
- ✓ COUNTROWS
- ✓ COUNTIF

Navigation Functions

- ✓ Navigate
- ✓ Back
- ✓ Exit

Validations

- ✓ Field Validations
- ✓ Form Validations

- ✓ Forms Action
 - ✓ Items
 - ✓ OnSuccess
 - ✓ Onfailure
 - ✓ OnRest

Form Customizations

- ✓ Hide the Fields in the Form Based on the Other Fields
- ✓ Make the Fields as Mandatory based on the Fields selected in other Fields
- ✓ Display the values in the Fields Automatically
- ✓ Change the Default Controls in the Form
- ✓ Change the Height of the Form Automatically

Variables

- ✓ What are Variables
- ✓ Types of Variables
 - ✓ Local Variables
 - ✓ Global Variables

- ✓ Display the User Name, Email, Image in all Screens using Variables

User Login Screen

- ✓ Login User using Email and Password
- ✓ Login User using OTP Authentication
- ✓ Power Apps Integration with Power Automate

Collections

- ✓ What are Collections?
- ✓ Different Ways to Create the Collections
 - ✓ Collect
 - ✓ Clear Collect
- ✓ How to Clear the Collections
- ✓ Limitations of Collections
- ✓ How to Store the SharePoint List data in the Collection

Gallery

- ✓ What is Gallery?
- ✓ Types of Galleries
 - ✓ Vertical Gallery
 - ✓ Horizontal Gallery
 - ✓ Blank vertical Gallery
 - ✓ Blank horizontal Gallery
 - ✓ Flexible height Gallery
 - ✓ Blank flexible height Gallery
- ✓ Gallery Properties

Gallery Customization's

- ✓ Connect the Galler Data to Forms
- ✓ Gallery Design (Customization's)
- ✓ Grid View in Gallery (Customization's)
- ✓ Navigate from One Screen to Another Screen using Gallery

Types of Forms

- ✓ New Form
- ✓ Edit Form
- ✓ View Form

Data Tables

- ✓ What is Data Table?
- ✓ Differences b/w Gallery and Data Tables

Search Function

- ✓ What is Search Function
- ✓ Search the Data in the Gallery using Search Function
- ✓ Limitations of Search Function

Filter Function

- ✓ What is Filter Function
- ✓ Search the Data in the Gallery using Filter Function
- ✓ Filter the Data in the Gallery using Filter Function
- ✓ Filter the Data in the Gallery in two ways
 - ✓ Static
 - ✓ Dynamic
- ✓ How to overcome the Delegation while filtering the Data

Sorting Functions

- ✓ What are Sorting Functions
- ✓ Purpose of Sorting Functions
- ✓ Types of Sorting Functions
 - ✓ Sort by Columns
 - ✓ Sort
- ✓ Sort by Columns
 - ✓ What is Sort by Columns
 - ✓ Sort the Data in the Gallery using Sort by Columns
 - ✓ Limitations of Sort by Columns
- ✓ Sort
 - ✓ What is Sort
 - ✓ Sort the Data in the Gallery using Sort
 - ✓ Limitations of Sort Function
- ✓ Difference b/w Sort by Columns and Sort

Patch Function

- ✓ What is Patch
- ✓ Insert, Update the Data using Patch
- ✓ Bulk Update using Patch
- ✓ Update If Function
- ✓ Bulk Delete using Patch
- ✓ Remove If Function
- ✓ Bulk Insert using Patch and [ForAll Functions](#)
- ✓ Submit the Data to Multiple tables using Patch
- ✓ Differences b/w Patch and Forms
- ✓ Difference b/w Patch, Update, Update If Functions

Components

- ✓ What are Components?
- ✓ Purpose of Components
- ✓ Types of Components
 - ✓ [Local Components](#)
 - ✓ [Global Components](#)
- ✓ Difference b/w Local and Global Components
- ✓ Advantages of Components

Environment

- ✓ What is Environment?
- ✓ How to Create the Environment
- ✓ Types of Environments
 - ✓ Trial
 - ✓ Developer
 - ✓ Production
 - ✓ Sandbox
- ✓ Managed Environment
- ✓ Un-Manages Environment

Solutions

- ✓ What is Solution
- ✓ Types of Solution
 - ✓ Managed
 - ✓ Un-Managed
- ✓ Export Solutions
- ✓ Import Solutions

Deployment Pipeline

- ✓ Create a Deployment Pipeline
- ✓ Assign the Environment to the Pipeline
- ✓ Moving the Apps from Dev - Test - prod
- ✓ Patch and Clone

Security

- ✓ Different Levels of Security
 - ✓ Environment Level Security
 - ✓ Power Apps Frontend Level Security
 - ✓ Data Source Level Security
 - ✓ Share the Apps
- ✓ Different types of Roles in SharePoint
- ✓ Site Roles and Responsibilities in SharePoint
- ✓ Create a Custom Roles in SharePoint
- ✓ Create a Custom Group in SharePoint
- ✓ Types of Roles in Dataverse
- ✓ How to Create Custom Roles
- ✓ Level of Access

Delegation

- ✓ What is Delegation in Canvas App?
- ✓ Delegation Supported Data sources
- ✓ How to Overcome the Delegation

Addition Topics (Add-on)

Versioning

- ✓ What is Versioning
- ✓ Restore the Previous Versions of Power Apps
- ✓ Import and Export the Canvas Apps

Form Design

- ✓ Multi Section Screen Forms
- ✓ Tabbed Forms

Gallery Design

- ✓ Design the Gallery based on the Client Requirements by using different Controls and OOTB Properties

Container

- ✓ What is Container
- ✓ Types of Containers
 - ✓ Container
 - ✓ Vertical Container
 - ✓ Horizontal Container

Error Handling

- ✓ What is Error Handling
- ✓ How to Handel the Errors in Power Apps

Upload Attachments

- ✓ How to Upload the Attachments from Power Apps
- ✓ Single Attachment
- ✓ Multiple Attachments

Integration Part

- ✓ SharePoint List customization using Power Apps
- ✓ Power BI Integration with Power Apps
- ✓ Power Apps integration with Power BI
- ✓ Power Automate and SharePoint Integration
- ✓ Power Apps Integration with Power Automate (Pass the values from Power Apps to Power Automate)
- ✓ Power Apps Integration with Power Automate Advance ([Deep linking Concept](#))

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
- ✓ What is Flow in Power Automate

Create a Power Automate Account

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

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

Templates

- ✓ What is Template
- ✓ Types of Templates
 - ✓ Automated Template Flows
 - ✓ Scheduled Template Flows
 - ✓ Instant Template Flows
- ✓ How to Create the Flows using Templates

Automated Cloud Flows

- ✓ Build an Automated Cloud Flows from the Blank
- ✓ When an Email Received in the Outlook Send a Notification Message in the Teams Chat
- ✓ When an Email arrives insert the Email Information in the SharePoint List /SQL Server Tables
- ✓ Create a form in the Microsoft Forms named Sql Workshop Registration. Whenever the student submits the form, I want to add those students automatically to the Teams Group and send an Email in the outlook

Variables

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

Data Operators

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

Control Statements

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

Automated Cloud Flows

- ✓ Task Remainder
- ✓ Send a Remainder Email to the Employees Regarding the Tasks before 3 days of the Task Due Date

JSON Parsing

- ✓ What is JSON
- ✓ What is an Array
- ✓ What is an Object
- ✓ What is an Element
- ✓ How to Parse the JSON in Power Automate

Functions

- ✓ String Functions
- ✓ Date Time Functions
- ✓ Array Functions

Working with SharePoint

- ✓ Create an Item in the SharePoint with Complex Data type Columns
- ✓ When an Excel File is Uploaded in the OneDrive Business then Insert the Excel File Data into SharePoint List
- ✓ OData Filter Query and Large Data in SharePoint
- ✓ Working with Files in SharePoint from Basic to Advance

Working with Dataverse

- ✓ Insert the Data into Dataverse Table with Complex Data type Columns using Power Automate
- ✓ OData Filter Query and Fetch XML
- ✓ Working with Large Data in Dataverse
- ✓ Dataverse to SharePoint Sync Files Schema
- ✓ What are Parent Flows
- ✓ What are Child Flows
- ✓ Call Child Flows in Parent Flows
- ✓ Run or Trigger a Flow - from another Flow
- ✓ XRM Tool box
- ✓ What is the use of XRM Tool box
- ✓ How the XRM Tool box is useful in Power Apps and Power Automate

Approvals

- ✓ Types of 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
- ✓ Send the Remainder Notification Regarding the Pending Approvals

Licenses

- ✓ Types of Licenses in Power Automate
 - ✓ Per Flow
 - ✓ Per User (Premium License)
- ✓ How to Know whether the Flow required the license or not
- ✓ How to check whether the license is assigned to us

Action Settings

- ✓ Trigger Condition
- ✓ Concurrency Control and Degree of Parallelism
- ✓ Retry Policy

Connectors

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

Custom Connector API

- ✓ What is Custom Connector
- ✓ What is API (Application programming interface)
- ✓ How to Connect to the different types of APIs from Power Automate

Gateway & On-Premises System

- ✓ What is Gateway Software
- ✓ What is On- Premises System
- ✓ How to Install the Gateway Software
- ✓ How to Connect to On- Premises System using Gateway from Power Automate to get the Data

Environment

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Solutions

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- ✓ Import Solutions

Deployment Pipeline

- ✓ Create a Deployment Pipeline
- ✓ Moving the Solutions from Dev - Test - prod
- ✓ Patch and Clone

Share the Flows

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

Addition Topics (Add-on)

Error Handling

- ✓ What is Error Handling
- ✓ Types of Error Handling
 - ✓ Action Level
 - ✓ Scope

Integration Part

- ✓ Refresh the power BI reports automatically
- ✓ PBI Data Export to Excel
- ✓ PBI Data Export to PDF
- ✓ PBI Large Data Handling using Power Automate
- ✓ Regular Expressions (RegEx) using Excel

Power Apps and Automate Course Details

*** * * ADD ON * * ***

1. All Recording Videos
2. Daily Class Notes
3. Resume Preparation
4. Power Apps Developer Roles & Responsibilities
5. Interview Questions Discussions
6. Mock Interviews

*** * * First 3 Classes are Free * * ***