**Power Platform Training**

**Duration: 4 days**

**Model Driven Application**

**Day 1 (8 hours)**

**Introduction to model-driven apps and Dataverse**

* Introduction to Microsoft Dataverse
* Introduction to model-driven apps
* Microsoft Dataverse and model-driven apps working together
* Setup Lab Environment
* Exercise - Explore sample template apps

**Microsoft Dataverse**

* Introduction to Microsoft Dataverse
* Table characteristics
* Dual writes vs. virtual tables
* Dataverse auditing
* Work with Tables
* Work with table relationships
* Work with Forms, Views, Business logic
* Exercise - Create a Microsoft Dataverse table
* Exercise - Create a table and import data into your Microsoft Dataverse database
* Exercise - Create a custom table and import data

**Get started with model-driven apps in Power Apps**

* Introducing model-driven apps
* Building blocks of model-driven apps
* Design model-driven apps
* Exercise - Create a model-driven app
* Exercise - Control security when sharing model-driven apps
* Incorporate business process flows
* Exercise - Create a model-driven app

**Configure forms, charts, and dashboards in model-driven apps**

* Forms overview
* Form elements
* Configure multiple forms
* Use specialized form components
* Configure views overview
* Configure grids
* Use specialty views
* Configure charts overview
* Dashboards overview
* Use interactive streams and tiles
* Exercise - Create a model-driven app with forms, views, chats, and dashboard

**Day 2 (8 hours)**

**Introduction to business process flows in Power Automate**

* Introduction to business process flows
* Differences between a business process flow and a regular flow in Power Automate
* Uses of a business process flow and a standard Power Automate flow
* Exercise - Integrate business process flows in MDS

**Power Pages**

**Introduction to Power Apps portals**

* Introduction to portals
* Get started with portals
* Core components of portals
* Overview of portal security
* Overview of extending portals
* Who is this for?
* Requirements
* Where Power Portals fit into the Power Platform
* Licensing

**Explore Power Apps portals**

* Introduction to portal templates
* Community portal
* Customer self-service portal
* Employee self-service portal
* Partner portal
* Custom portal

**Environment & Portals**

* Environment
* Naming conventions
* Creating your 1st Portal
* Hands-on Lab

**Portal Core Knowledge Areas**

* Getting Started with Portals
* Core Components of Portals
* Working with Web Pages
* Navigation
* Low level changes HTML/CSS
* Snippets
* Portal themes
* Hands-on Lab

**Portal Management**

* Portal Management app
* Custom Domain and DNS settings
* SSL Certification
* Portal Features
* Portals Provisioning
* Hands-on Lab

**Day 3 (8 hours)**

**Settings and Authentication**

* Site Settings
* Authentication
* User and Web Roles
* Table Permissions
* Authentication Azure AD
* Authentication social media
* Authentication Self Registration
* Hands-on Lab

**Advanced Power Pages**

* Getting Started Portals
* Designing Portals
* Portal Templates
* Working on Liquid Language
* Changes in HTML/CSS in Portals
* Extend with Scripts
* Advanced CSS
* Advanced Client-Side Development
* Creating Web Templates
* Integration
* Web Links
* Basic Pages
* Advance Pages
* Dataverse Table integration
* Permission Integration
* Hands-on Lab

**Power Automate Desktop**

**Power Automate for desktop**

* Handle variables in Power Automate for desktop
* Introducing variables
* Create, edit, and use variables
* Variable data types
* Advanced data types
* Input and output variables
* Variable manipulation
* Sensitive variables
* Exercise - Create, access, and manipulate variables

**Automate repetitive tasks using loops in Power Automate for desktop**

* Introduction to loops
* Loop actions
* Simple loop actions
* For each loop actions
* Loop condition actions
* Exercise – Loops
* Exercise – Read Data from E-commerce site and do manipulation

**Day 4 (8 hours)**

**Adjust process behaviour using conditional actions with Power Automate for desktop**

* Introduction to conditional actions
* Conditional actions
* The If group of actions
* Exercise - If group of actions
* The Switch group of actions
* Configure flow control in Power Automate for desktop
* Flow control actions
* Exercise – Configure flow control

**Configure exception and error handling in Power Automate for desktop**

* Introduction
* About exceptions
* Exception handling
* Exercise – Exception handling

**Generate Power Automate for desktop flows by recording**

* Introduction to the Power Automate for desktop recorder
* Create desktop flows using the recorder
* Exercise - Use the recorder to automate web applications
* Exercise - Use the recorder to automate desktop applications