Power Platform &Dynamics 365 CE Training Syllabus

70 Hours | Weekdays | Daily 70 Mins | 60 Days

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Introduction

What is Power Platform

Power Platform Ecosystem & Architecture

Join 90 Days Free Developer Program

Concept of Environments & Azure Tenants

Project Overview

ER Diagram

Working Solutions

- Concept of Solution
- Solution Components, Types of Component, Publisher, Prefix, Version
- Solution Types – Managed, Un-managed, Default
- Solution Patch & Clone
- Export, Import, Publish
- Solution Layer, Merge, Top-win

Working with Dataverse

- What is Dataverse & Its Features
- Common Data Model
- Data Modeling (Tables, Columns, Relationships)
- UI Components (Forms, Views, Charts, Dashboards)
- Business Rules, Alternate Keys
- Security Matrix, BU, Users, Teams, Field Security, Hierarchy Security

Power Apps

Microsoft PowerApps

Model Driven Apps (MDA)

- Sitemap, App Design, Features, Manage Role, Global Dashboards, Advance Find, Fetch XML, Personal Views/User Views/ Default Views, Using Dataverse in MDA, Personalization Settings,
- Custom Model Driven Apps
- Microsoft Dynamics 365 CE Apps (Design, Features)
  - Sales App (Module)
  - Customer Service App

Canvas Apps

- Screens, Controls, CRUD, Delegation, Power FX, Variables, Integration, Security, Versioning, MDA v/s Canvas App, Monitor Tool, Test Studio, Responsive Concept

Custom Pages

- Intro, Design pages, Using PowerFX in Custom Page, Integration with MDA

Power Pages

Previously Power Portal

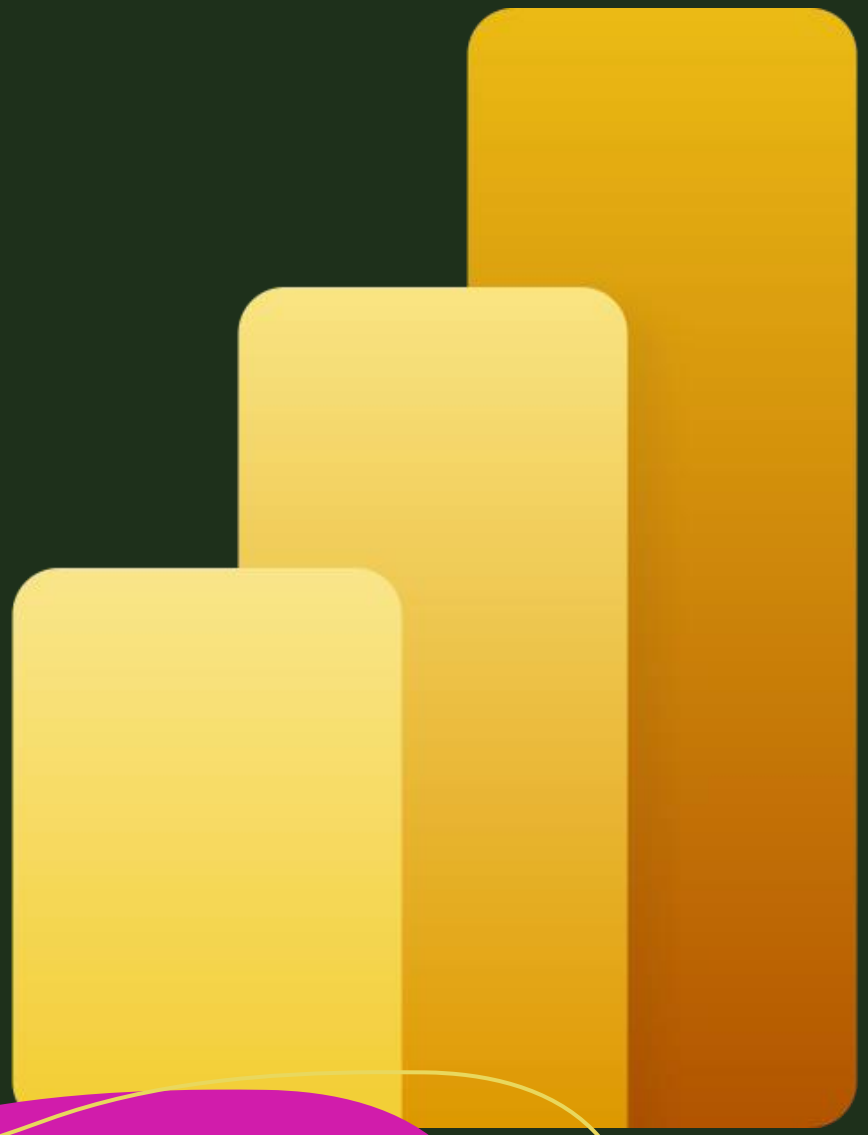
- Concept of Power Pages & Ready-made Template
- Authentication & Authorization
- Web Roles, Table Permission, Customer Record
- CRUD Operation with List, Basic Form, List Features
- Pages, Page Templates, Web Templates, HTML, CSS Usage
- Form Metadata, Form Validation using jQuery/JavaScript, Server-side Liquid code usage, Content Snippets, Weblink Sets, Header, Footer, Web Pages
- Power Page Layout Design
- Power Page Settings

Power Automate

- Concept of Power Automate
- Types of Power Automate
- Trigger, Connector & Actions
- Instant, Automated, Scheduled, Desktop Flows,
- Approvals
- Exception handling
- Third Party integration

Power Virtual Agent

- Concept of Chatbots
- Topics and Trigger Phrases
- Actions
- Calling Flow for Integration
- Deployment



Power BI

- Working with Datasource
- Workspaces
- Power BI Online, Power BI Desktop
- Reports, Visualizations, Power Query Editor
- Datasets
- Dashboards
- Integration with Model Driven App
- Publish Live

Advanced Configurations

- Duplicate Detection Rules
- Auditing
- Data Import
- Reports
- Email Templates, Signatures
- Document Template
- System Settings
- Languages

EXPORT/IMPORT TRANSLATION

SHAREPOINT INTEGRATION

ONEDRIVE INTEGRATION

OUTLOOK INTEGRATION

ONENOTE INTEGRATION

BULK DELETION & SYSTEM JOBS

Processes Customization & Enhancement

- Classic Workflows & System job
- Custom Action
- Business Process Flow
- Command Power FX
- Ribbon Workbench
- Web Resources
- Form Scripts+ command+workbench
- Plugins
- Custom Workflows
- Web API & Custom API

Integrations

- Console App Batch Jobs
- Azure Integration with Logic App, Service Bus, Queue
- Working with Webhooks
- Third Party Integrations using Power Automate
- Third party WEB API Calls
- Native Integration

Bonus Video Resources & Books (Pre-record)

WORKING WITH DEVOPS FOR ALM

WORKING WITH PCF COMPONENTS

WORKING WITH RESPONSIVE CANVAS & CUSTOM PAGES

MICROSOFT LEARN WEBSITE

ABSOLUTE GUIDE BOOK BY ME

WORKING WITH DELEGATIONS

WORKING WITH AI FEATURES & AI MODELS BUILDERS