

# Extensive 90 Days Training

**Duration:** 90 Days

**Timing:** daily 1 Hr. 7AM to 8AM Monday to Friday India Time IST

Days	Topics	Desc
Day 1	<b>Training Agenda, Syllabus Walkthrough, Project Walkthrough, Career &amp; Job, Certifications</b>	<ul style="list-style-type: none"> <li>• Discussion on Training Roadmap</li> <li>• Career, Roles, Jobs</li> <li>• Upskilling Regularity</li> <li>• Syllabus Analysis</li> <li>• Project Walkthrough</li> <li>• Job after Training, CV Preparation</li> <li>• Certification Preparation Roadmap</li> </ul>
Day 2	<b>Power Platform Architecture, ER Diagram, BRD – Business Requirement Document Analysis</b>	<ul style="list-style-type: none"> <li>• Understanding Power Platform Echo-system</li> <li>• Project Domain Discussions</li> <li>• BRD Analysis</li> <li>• ER Diagram for the Project</li> <li>• 90-Days Developer Instance</li> <li>• Understanding Environments, Tenants</li> </ul>
Day 3	<b>Solutions Management ALM</b>	<ul style="list-style-type: none"> <li>• What is Power Platform Solution</li> <li>• Components and Types of Components</li> <li>• Configuration v/s Customizations</li> <li>• Solutions Version, Publishers,</li> <li>• Solution Types – Managed/Un-managed</li> <li>• Component Naming Conventions</li> <li>• Solutions Cloning</li> <li>• Solution Patching</li> <li>• Solutions Layers, Export, Import, Publish</li> <li>• Component Remove/Delete</li> <li>• Update/Stage To Upgrade/Upgrade</li> </ul>
Day 4	<b>Working with Dataverse</b>	<ul style="list-style-type: none"> <li>• What is Dataverse &amp; Common Data Model (Shared Models)</li> <li>• Microsoft Dataverse extensibility model</li> <li>• Data Modelling</li> </ul>
Day 5	<b>Working with Tables, Columns &amp; Data Types</b>	<ul style="list-style-type: none"> <li>• Tables Definition and Assets</li> <li>• System/OOB/CDM Tables v/s Custom Tables</li> <li>• Table Types – Standard, Activity, Virtual</li> <li>• Table Ownership – Team/User, Organization</li> <li>• Singular/Plural name</li> <li>• Primary Field v/s Primary Key</li> <li>• Primary Key Analysis</li> <li>• Table Advance Options Overview</li> <li>• OOB/ System Columns and Data Types</li> <li>• Column Requirement Level</li> <li>• Formatting Column Length</li> <li>• Columns Advance Options</li> <li>• Column Behaviors – Simple/Calculated/Rollup</li> </ul>

		<ul style="list-style-type: none"> <li>• Data Types – Text, Numbers, Date, Lookup, Polymorphic Lookup, Choice etc.</li> </ul>
<b>Day 6</b>	<b>CDD – Configuration Design Document &amp; Data Modelling</b>	<ul style="list-style-type: none"> <li>• CDD Preparation</li> <li>• Data Model Setup</li> </ul>
<b>Day 7</b>	<b>Design Tables &amp; Columns in line with Data Model</b>	<ul style="list-style-type: none"> <li>• Setup Solution &amp; Mark it Preferred</li> <li>• Design Tables as per Data Model</li> <li>• Primary Field Consideration</li> <li>• Non-Lookup Fields Setup</li> </ul>
<b>Day 8</b>	<b>Understanding Relationship Behavior</b>	<ul style="list-style-type: none"> <li>• Concept of Relationships</li> <li>• Types of Relationship – 1:N, N:1, N:N</li> <li>• N:N –Intersect table</li> <li>• Third Table consideration for Many-to-many relation restrictions</li> <li>• Relationship Behaviors – Parental, Referential, Custom</li> <li>• Relationship Table Column Mappings</li> </ul>
<b>Day 9</b>	<b>Calculated &amp; Rollup Fields Column Behavior</b>	<ul style="list-style-type: none"> <li>• What is Calculated Columns</li> <li>• Calculation Formula and Behaviors</li> <li>• Rollup Columns Concept</li> <li>• Rollup Column Setup and Update Frequency</li> <li>• Using Conditional Branching and Filters in Rollup column</li> <li>• Restrictions in Calculated Column and Rollup Columns</li> </ul>
<b>Day 10</b>	<b>Working with Dataverse Forms</b>	<ul style="list-style-type: none"> <li>• Forms layout – Tabs, Sections, Field, Components</li> <li>• Forms Type – main, Quick Create, Quick View, Card</li> <li>• Form Fallbacks</li> <li>• Form Security</li> <li>• Form Components</li> <li>• Form Script Library Event handlers</li> <li>• Form Component properties</li> <li>• Form Events</li> </ul>
<b>Day 11</b>	<b>Working with Dataverse Views &amp; Alternate Keys</b>	<ul style="list-style-type: none"> <li>• View Definition – Filter, Columns, Sorting Apply</li> <li>• View Types – System/ Custom/ Personal</li> <li>• System Views Types – Active/Inactive/All/Associated/Lookup/Advance Find</li> <li>• Concept of Alternate keys</li> <li>• Adding Alternate key for tables</li> </ul>
<b>Day 12</b>	<b>Working with Table Charts &amp; Table Specific Dashboard Visuals</b>	<ul style="list-style-type: none"> <li>• What is charts</li> <li>• Define Charts for tables</li> <li>• Use multiple charts using Pi-chart, bar Charts</li> <li>• Top Rules</li> <li>• What is Table specific Dashboard</li> <li>• Working with Tabe Specific Dashboards</li> </ul>
<b>Day 13</b>	<b>Working with Business Rules</b>	<ul style="list-style-type: none"> <li>• What is Business Rule</li> <li>• Business Rules Scope</li> <li>• Actions in Business Rules <ul style="list-style-type: none"> <li>• Show/Hide Columns</li> <li>• Set Requirement Levels</li> <li>• Set Value</li> </ul> </li> </ul>

		<ul style="list-style-type: none"> <li>• Set Default Value</li> <li>• Recommendations</li> <li>• Show Error</li> <li>• Lock/Unlock</li> </ul> <ul style="list-style-type: none"> <li>• Conditional Branching</li> <li>• Using Dynamic Formula for value assignment</li> </ul>
<b>Day 14</b>	<b>Understanding Power Apps - Model Driven APP (MDA)</b>	<ul style="list-style-type: none"> <li>• What is Power Apps</li> <li>• Model Driven App Concept</li> <li>• Custom Model Driven App v/s Dynamics 365 Apps</li> <li>• Customize Sitemap for Model Driven APP – Area, Group, pages</li> <li>• Sitemap Page Type – Tables, URL, Custom Page, Web Resource, Dashboard</li> <li>• Using solution for MDA</li> <li>• Restricting Table Assets in MDA</li> <li>• Verifying Data Model Table assets in MDA</li> </ul>
<b>Day 15</b>	<b>Model Driven APP Features</b>	<ul style="list-style-type: none"> <li>• Working with Personal Views</li> <li>• Sharing and Managing Personal Views</li> <li>• Advance Find Feature</li> <li>• Quick Create Feature</li> <li>• Personalization Options</li> <li>• Model Driven App – Manage Role</li> <li>• Sharing and Security</li> <li>• Searching, Sorting, Filtering Data</li> <li>• Using Co-pilot in MDA</li> <li>• Command bars Overviews and Types <ul style="list-style-type: none"> <li>• Main/Form/Associated/Sub-grid</li> </ul> </li> <li>• Export/ Import Data Features</li> </ul>
<b>Day 16</b>	<b>Power Apps – Canvas App</b>	<ul style="list-style-type: none"> <li>• Understanding Canvas APP Concepts</li> <li>• Canvas App v/s Model Driven App</li> <li>• Why Canvas APP</li> </ul>
<b>Day 17</b>	<b>Canvas App Designs</b>	<ul style="list-style-type: none"> <li>• Canvas APP – Screens and App Object</li> <li>• Screen Components – Buttons, Labels, Inputs, Forms, Gallery</li> <li>• Component &amp; App Event</li> <li>• Component Properties</li> <li>• Introducing Power FX</li> <li>• Screen navigations</li> <li>• Event Handlers</li> </ul>
<b>Day 18</b>	<b>Perform CRUD Operation in Canvas App with Dataverse and SharePoint</b>	<ul style="list-style-type: none"> <li>• Connector and Data source concept</li> <li>• Create Screen with Form to Create Record in DataSource</li> <li>• Form to Update Existing Record</li> <li>• Delete Existing Record</li> <li>• Read records using Gallery</li> </ul>
<b>Day 19</b>	<b>Canvas App Filter, Search, Variable</b>	<ul style="list-style-type: none"> <li>• Filtering data in Canvas APP</li> <li>• Searching Records in gallery</li> <li>• Using Variables- Global/Local/ Collections</li> </ul>

<b>Day 20</b>	<b>Canvas App Form Field Validation &amp; Exception Handling</b>	<ul style="list-style-type: none"> <li>• Form Field Validation using Power FX</li> <li>• Exception Handling in Canvas app</li> <li>• Field Pattern Matching</li> <li>• Field Customization</li> <li>• Send Email using outlook connector</li> </ul>
<b>Day 21</b>	<b>Canvas App Security &amp; Versioning</b>	<ul style="list-style-type: none"> <li>• Sharing Canvas App</li> <li>• Manage Versioning</li> <li>• Embed Canvas App inside Model Driven App</li> <li>• Using Co-pilot in Canvas App</li> </ul>
<b>Day 22</b>	<b>Working with Custom Page</b>	<ul style="list-style-type: none"> <li>• Custom Pages Concept</li> <li>• Converging Canvas Design in MDA as a Page</li> <li>• Embed custom page in MDA</li> <li>• Pass parameters from MDA to Custom Page</li> </ul>
<b>Day 23</b>	<b>Power Pages (Previously Power Portal) Concept</b>	<ul style="list-style-type: none"> <li>• Power Pages Concept</li> <li>• Power Pages Architecture</li> <li>• Power Pages Authentications</li> <li>• Web Page Design and Adding Page Components</li> </ul>
<b>Day 24</b>	<b>Power Pages Form, List</b>	<ul style="list-style-type: none"> <li>• Power Pages Basic Forms</li> <li>• CRUD Operation</li> <li>• List Features</li> </ul>
<b>Day 25</b>	<b>Power Pages Weblink Sets, Web Files</b>	<ul style="list-style-type: none"> <li>• Weblinks Sets</li> <li>• Web Files</li> <li>• Content Snippets</li> </ul>
<b>Day 26</b>	<b>Power Pages Metadata jQuery Validation</b>	<ul style="list-style-type: none"> <li>• Multi page forms</li> <li>• Form Metadata</li> <li>• Form field validation</li> <li>• Use jQuery</li> <li>• Use Bootstrap, CSS, HTML</li> </ul>
<b>Day 27</b>	<b>Power Pages Web Templates</b>	<ul style="list-style-type: none"> <li>• Page Template</li> <li>• Web Template</li> <li>• Web page</li> </ul>
<b>Day 28</b>	<b>Power Pages Liquid Server Side</b>	<ul style="list-style-type: none"> <li>• Liquid Scripting for Server Fetch</li> <li>• Liquid with Web Templates and Web Pages</li> <li>• Using Fetch XML in Liquid</li> </ul>
<b>Day 29</b>	<b>Working with Power Automate</b>	<ul style="list-style-type: none"> <li>• Power Automate Concepts</li> <li>• Triggers</li> <li>• Actions</li> <li>• Connectors</li> <li>• Dynamic Contents</li> <li>• Expressions</li> <li>• Parallel Branching</li> <li>• Types of Flow – Instant, Automated, Scheduled, Desktop Flow</li> <li>• Instant Flows and Triggers with Use case</li> <li>• Using Co-pilot in Power Automate</li> </ul>
<b>Day 30</b>	<b>Understanding Automated Cloud Flow</b>	<ul style="list-style-type: none"> <li>• Automated Cloud Flow Concept</li> <li>• Event based Triggers</li> </ul>

		<ul style="list-style-type: none"> <li>• Connectors &amp; Automated Triggers</li> <li>• Dataverse Connectors Use case</li> <li>• Outlook Connector use case</li> <li>• Send Email Operation, Working with variables and loops</li> <li>• Using Expressions and Dynamic Contents</li> </ul>
<b>Day 31</b>	<b>Scheduled Flow Understanding</b>	<ul style="list-style-type: none"> <li>• Recurring Flows</li> <li>• Time Definitions</li> <li>• Triggers, Delay, Actions</li> <li>• Excel Processing using Excel Connector</li> <li>• SharePoint Connector usage</li> </ul>
<b>Day 32</b>	<b>HTTP Call, Approvals Flow</b>	<ul style="list-style-type: none"> <li>• Working with External APIs using Flow</li> <li>• Flow as API</li> <li>• Calling one flow from another flow</li> <li>• Working with Approvals</li> <li>• Approval Types</li> </ul>
<b>Day 33</b>	<b>Working with Desktop Flow</b>	<ul style="list-style-type: none"> <li>• Desktop Flow Concept</li> <li>• Web Automation, Desktop Automations</li> <li>• Actions and Visual Component Capture</li> <li>• Calling Desktop flow from Cloud Flow</li> </ul>
<b>Day 34</b>	<b>Microsoft Co-Pilot Studio (Previously Power Virtual Agent)</b>	<ul style="list-style-type: none"> <li>• Concept of Chatbots</li> <li>• Working with Topics</li> <li>• Trigger Phrases</li> <li>• Actions</li> <li>• Show Message</li> <li>• Using Adaptive Cards/ Basic cards</li> <li>• Topic Management</li> <li>• Entity Definitions</li> <li>• Ask Questions</li> <li>• Power Automate Integration with Co-pilot studio</li> <li>• Deployment</li> </ul>
<b>Day 35</b>	<b>Co-Pilot Studio Deep Dive</b>	<ul style="list-style-type: none"> <li>• Using Power FX in Co-Pilot Studio</li> <li>• Using Variables Global/Local</li> </ul>
<b>Day 36</b>	<b>Power BI</b>	<ul style="list-style-type: none"> <li>• Power BI Fundamentals</li> <li>• Power BI Online v/s Power BI Desktop</li> <li>• Workspaces</li> <li>• Data sources</li> <li>• Data sets (Semantic Models)</li> <li>• Working with Power Query Editor</li> <li>• Visuals (Chart Design/ Dashboard Desing/Report Design)</li> <li>• Report/Dashboard Deployment in External Websites</li> <li>• Connect Dataverse as Datasource</li> <li>• Connect Excel as Data source</li> <li>• Embed Power BI Visuals in MDA</li> </ul>
<b>Day 37</b>	<b>Data Management, Auditing</b>	<ul style="list-style-type: none"> <li>• Import Data into Dataverse</li> <li>• Working with Bulk Delete</li> <li>• Working with Duplicate Detection Rules</li> </ul>

		<ul style="list-style-type: none"> <li>• Enabling Auditing Feature</li> </ul>
<b>Day 38</b>	<b>Reports, Templates, Language</b>	<ul style="list-style-type: none"> <li>• Generate Legacy Reports from Dataverse</li> <li>• Working with Email Templates</li> <li>• Working with Word Templates</li> <li>• Working with Multiple languages</li> </ul>
<b>Day 39</b>	<b>Outlook, SharePoint Integrations</b>	<ul style="list-style-type: none"> <li>• Understand How to integrate Outlook with Dataverse</li> <li>• Email and Activity Tracking</li> <li>• SharePoint Integration</li> <li>• One Drive and OneNote Integration</li> </ul>
<b>Day 40</b>	<b>Security Matrix</b>	<ul style="list-style-type: none"> <li>• Understanding Dataverse Security Model</li> <li>• Business Units Understanding</li> <li>• Users Setup</li> <li>• Team Building – owner v/s Access</li> <li>• Access Levels</li> <li>• Privileges</li> <li>• Security Role Setup</li> <li>• Column Security Profiles</li> <li>• Hierarchy Security</li> </ul>
<b>Day 41</b>	<b>Security Matrix Implementation</b>	<ul style="list-style-type: none"> <li>• OOB Standard Security Roles</li> <li>• Setup Security Model</li> <li>• Copy Roles</li> <li>• Assign Roles</li> <li>• Manage BU</li> </ul>
<b>Day 42</b>	<b>Automation using Legacy Workflows</b>	<ul style="list-style-type: none"> <li>• Understanding Legacy Workflows</li> <li>• Real-time v/s background workflow</li> <li>• Triggers</li> <li>• Actions</li> <li>• Branching</li> <li>• Wait Conditions</li> <li>• System JOB Analysis</li> </ul>
<b>Day 43</b>	<b>Working with Custom Actions</b>	<ul style="list-style-type: none"> <li>• Understanding Custom Actions</li> <li>• Arguments – Input/Output</li> <li>• Actions</li> <li>• Calling Action from OOB Workflows</li> <li>• Justify Reusability</li> <li>• Why Custom Actions and Benefits</li> </ul>
<b>Day 44</b>	<b>Business Process Flows</b>	<ul style="list-style-type: none"> <li>• Concept of BPF</li> <li>• Designing BPF with Stages</li> <li>• Branching</li> <li>• Data Steps</li> <li>• Workflow inside BPF stage</li> <li>• Embedding BPF inside MDA</li> </ul>
<b>Day 45</b>	<b>Working with Commands and Editing in MDA</b>	<ul style="list-style-type: none"> <li>• Understand Command bars and Commands</li> <li>• Edit/ Add commands to existing command bars</li> <li>• Calling Power FX from Commands</li> <li>• Calling JS from Commands</li> <li>• Actions of Commands</li> <li>• Visibility of Commands</li> </ul>

<b>Day 46</b>	<b>Command Button and Component Library</b>	<ul style="list-style-type: none"> <li>• Understanding Component Library</li> <li>• Command Button Types</li> <li>• Use cases of different command buttons</li> <li>• Using Patch Power FX for custom updates</li> </ul>
<b>Day 47</b>	<b>Client Scripts JS Form Script &amp; Web Resources</b>	<ul style="list-style-type: none"> <li>• Understanding Client Script Architecture</li> <li>• Form and Field Events</li> <li>• Form Scripts and Available APIs</li> <li>• Calling JS from FORM</li> <li>• Understanding Web Resources</li> </ul>
<b>Day 48</b>	<b>JavaScript Scenarios in MDA Forms</b>	<ul style="list-style-type: none"> <li>• CRUD Operation using JavaScript Form</li> <li>• Calling Dialogs and Popups</li> <li>• Notifications</li> <li>• Show/Hide</li> <li>• Error Message</li> <li>• Business Rules v/s JS</li> <li>• Realtime Business Use cases</li> <li>• JS Debugging</li> </ul>
<b>Day 49</b>	<b>Deep Dive JavaScript Libraries</b>	<ul style="list-style-type: none"> <li>• Using namespaces in JS</li> <li>• Event handlers</li> <li>• JS Hierarchy</li> <li>• Multiple Libraries</li> <li>• Passing parameters from Form to JS Web Resource</li> <li>• Passing Parameters from Form to Custom Page</li> </ul>
<b>Day 50</b>	<b>Understanding Plugins</b>	<ul style="list-style-type: none"> <li>• Plugin Concept</li> <li>• Plugin Development</li> <li>• PRT and Deployment</li> <li>• Class Libraries</li> </ul>
<b>Day 51</b>	<b>Plugin Images</b>	<ul style="list-style-type: none"> <li>• Plugin Events, Messages</li> <li>• Plugin Images</li> <li>• Event Pipeline Execution Model</li> </ul>
<b>Day 52</b>	<b>Plugins Scenarios</b>	<ul style="list-style-type: none"> <li>• Pre Validation, Pre Operation, Post Operation</li> <li>• Timeout Limitation</li> <li>• Sync/ Async</li> <li>• Exception</li> </ul>
<b>Day 53</b>	<b>Debug Plugin &amp; Concepts</b>	<ul style="list-style-type: none"> <li>• Debugging Plugin</li> <li>• Runtime Exceptions</li> <li>• Profiler</li> </ul>
<b>Day 54</b>	<b>Working with Custom API</b>	<ul style="list-style-type: none"> <li>• Concept of Custom API</li> <li>• Develop Custom API</li> <li>• Call it from external app</li> </ul>
<b>Day 55</b>	<b>Custom Workflow Activities</b>	<ul style="list-style-type: none"> <li>• Understanding Custom Workflows</li> <li>• Develop CWA</li> <li>• Deploy</li> <li>• Use cases</li> <li>• C# Class Libraries</li> </ul>
<b>Day 56</b>	<b>Console Applications batch Jobs</b>	<ul style="list-style-type: none"> <li>• Develop Console Apps</li> <li>• Batch JOBS</li> </ul>

		<ul style="list-style-type: none"> <li>• Run locally</li> <li>• Manage NuGet Packages</li> </ul>
<b>Day 57</b>	<b>Azure Integrations</b>	<ul style="list-style-type: none"> <li>• Logic App Integration</li> <li>• Service BUS Integration</li> <li>• WEB Hooks</li> </ul>
<b>Day 58</b>	<b>Dynamics 365 Sales</b>	<ul style="list-style-type: none"> <li>• Navigate to sales and Life Cycle</li> <li>• Manage Customers</li> <li>• Manage Leads and Life Cycle</li> <li>• Manage Opportunity and Life Cycles</li> <li>• Manage Product Catalog</li> <li>• Manage Quotes and orders, Invoice</li> </ul>
<b>Day 59</b>	<b>Dynamics 365 Sales Goal Management &amp; Insights</b>	<ul style="list-style-type: none"> <li>• Define Goals</li> <li>• Manage Goals</li> <li>• Sales Insights</li> <li>• Accelerators</li> <li>• Insight Cards</li> </ul>
<b>Day 60</b>	<b>Dynamics 365 Customer Service</b>	<ul style="list-style-type: none"> <li>• Customer Service Life Cycle and Entities</li> <li>• Manage Cases</li> <li>• Manage Queue</li> <li>• Setup Customer Service Settings</li> <li>• Service Calander</li> <li>• SLA</li> <li>• Entitlements</li> <li>• Business Holidays</li> <li>• Knowledge management</li> </ul>
<b>Bonus Videos</b>	DevOps CI CD	
	PCF Walkthrough	
	Helping Tools	
	AI Builders	
	Ribbon Workbench Scenarios	
	Other Important Related Videos	
<b>Documents</b>	Ultimate Interview QA Documents	