

Power Apps & Power Automate Model Apps

Course Level: 200

As Microsoft Dynamics 365 has evolved, so have the business needs of an organization. With this evolution, the Dynamics 365 administrator skillset needs to evolve, but learning a coding language or hiring a developer isn't always an option to create, modify, and configure new business applications. This fast-paced course is designed to bridge that gap while getting learners up to speed quickly on what's new with Dynamics 365. It also includes a deep dive into advanced configuration, low-code development, and runtime environments.



At A Glance: Power Apps & Power Automate Model Apps

Why Enroll?

Learn how admins, developers, and customizers can enhance the platform with low- and no-code solutions, including Power Apps and Power Automate.



Who to Enroll?

System Administrators -
Power Users -
Customizers -
Developers -



Key Takeaways

Building a positive User Experience and effective processes; Business Process Flows; Search Configuration; Solution & Environment Management; Business Application Platform Overview



Register

Register for Power Apps & Power Automate Model Apps
[Click to Register.](#)

About this Training



Intended Audience

This training is intended for administrators and configurators who have completed the CRM Boot Camp for Dynamics 365 Customer Engagement – or equivalent experience – and desire to continue their technical education with Microsoft Dynamics 365. This course assumes working knowledge of skills outlined in the Boot Camp course. It provides a deeper understanding of the advanced processes and low-code platform options an attendee can leverage in Microsoft Dynamics 365.



Required Prerequisites

Participants are *highly* advised to be comfortable and confident with the following skills and concepts for a successful learning experience:

- Navigation
- Data entry
- Advanced Find
- Create custom fields
- Customized forms and system views



Recommended Prerequisites

Prerequisites are recommendations, and while not required, they are *highly* advised to ensure a successful learning experience:

- CRM Boot Camp for Dynamics 365 Customer Engagement – or equivalent experience

Key Takeaways

This Training Will Allow You To:

- Design and configure a smooth and efficient user experience
- Use Dynamics 365's app designer for common scenarios
- Understand, use, and configure the new Business Process Flows using the new Visual Process Designer
- Build moderately complex workflows and understand process interaction options
- Build simple custom actions and dialogs
- Use the editable grid feature to replace the existing read-only grids as needed
- Optimize your configuration for the mobile apps
- Plan your solution management strategy
- Understand how and when to leverage Power Apps, Power Automate, and the Common Data Model and create a common data store, database, Power App, and Power Automate solutions



DAY 1



DAY 2



DAY 3



ACCESSING DYNAMICS 365

Version

- Dynamics 365 vs. Power Apps Model-Driven Apps
 - Customer Engagement
 - Unified Operations
 - Power Platform
 - Common Data Service for Apps

Deployments

- Online vs. On-premises

Clients

- Web Client (365 only)
- Unified Client

MANAGING SOLUTIONS

Configure Overview

- Solution Management Interface
- Solution overview
- Customization best practices

Managed vs. Unmanaged Development Cycle

- Merging of changes
- How multiple unmanaged solutions interact
- Patching and Cloning

Solution Structure

- Removing Entities or Attributes
- Changing Attribute Type
- Dependency Tracking and its impact
- Sharing of publishers

Managing the Environment

- Processes and Solutions
- Plug-ins and Solutions
- Solution Management
- Data Management

COMMON DATA MODEL

Entities Relationships

- Naming
- Visibility and Navigation

Hierarchy Configuration & Security Fields

- Calculated fields
- Rollup fields
- Data fields

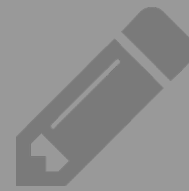
Alternate Keys



DAY 1



DAY 2



DAY 3



BUILDING A GOOD UX

Forms

- Evolution
- Types
- Best Practices
 - Multiple forms
 - Performance
- Sub-grids and Charts
- Knowledge Management Integration
- Form Navigation
- Form presentation and architecture

Views

- Best Practices
- Editable Grids
 - Features, Functionality & Configuration
 - Extending editable grids

Customizing for Unified Interface / Mobile / App for Outlook

- Architecture
- Navigation
- Form best practice
- Custom controls

- Optimizing
- Offline Configuration & Administration

App Modules

- Understanding the site map
- Multiple site maps
- Dependencies
- Role / Task drive modules
- Security and access
- Properties for Dynamics 365 – Custom app

Themes

Ribbon / Common Bar

- Ribbon Workbench



DAY 1



DAY 2



DAY 3



DYANMICS 365 PROCESS

Business Rules

- Design
- Best Practices

Workflows

- Workflow Capabilities
- Background Workflows
- Workflow Structure
- Real-time Workflows
- Workflow Templates
- Workflow Best Practices

Process Action

- Built-in Command Actions
 - Create Simple Custom Actions
 - Create Custom Actions with Arguments

Dialogs

- Capabilities
- Alternatives

Process Management

- Security for Processes
- Manage Processes

BUSINESS PROCESS FLOWS

Capabilities

Design

- Business Process Flow Entitles
- Enhance with Workflows

Concurrency, Status, & Duration

Analytics

Task Flow

MICROSOFT POWER AUTOMATE

Build process automation that spans systems

Visual designer to compose automations

Connect to service to access data

Dynamics 365 Workflow vs. Power Automate



Dynamics 365 University is designed to be foundational training for those responsible for implementing and supporting Dynamics 365 within your organization. Dynamics 365 University focuses on out-of-the-box features and functionality training for your core team. Participants get an understanding of how the Dynamics 365 processes and architecture can be leveraged and customized to support your unique organizational processes.

GET STARTED