

PowerApps & Flow Canvas Apps

Course Level: 200

PowerApps and Flow: Canvas Apps is an instructor-led course which provides Dynamics 365 administrators and customizers with key knowledge surrounding PowerApps' canvas apps and how to leverage them to improve business processes. This course will explore the planning, creation, deployment, and management of new PowerApps into a Power Platform environment.



At A Glance: PowerApps and Flow Canvas Apps

Why Enroll?

Learn how admins, developers, and customizers can enhance the platform with low and no code solutions, including PowerApps and Flow.



Who to Enroll?

System Administrators -
Power Users -
Customizers -
Developers -



Key Takeaways

Create a Common Data Service for Apps Environment and Database, Build a PowerApps Canvas App, Build a Microsoft Flow, Introduction to Additional Controls and Expressions



Register

Register for a PowerApps and Flow: Canvas 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 course – 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. This course is designed to provide an understanding of PowerApps' capability for creating pixel-perfect user interfaces which access data from multiple sources, while also using Microsoft Flow for automation and integration across many different web services.



Recommended Prerequisites

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

- Understanding of data or relational databases
- Experience with Microsoft Excel or Access formulas
- Experience building logical processes such as workflows



Required Prerequisites

- Familiarity with Microsoft Dynamics 365

Key Takeaways

This Training Will Allow You To:

- Understand PowerApps and Microsoft Flow capabilities
- Understand PowerApps' Canvas Apps design modes and core design concepts
- Build a PowerApps Canvas App from a template, from data and from scratch
- Learn how to test and troubleshoot a PowerApps canvas app
- Understand Microsoft Flow triggers and logic
- Build a flow from a template and from scratch
- Create and administer a Common Data Service for Apps (CDS) environment
- Build entities and relationships in CDS
- Learn how to monitor and manage flows



DAY 1



DAY 2



Introduction & PowerApps

Introduction

- Create a trail
- Overview of Biz Apps
- Scenarios and Use Cases
- PowerApps Lifecycle
- Admin Centers

Common Data Service

- CDS Defined
- Creating CDS environments
- CDS environment administration
- Entities
- Connections

PowerApps Canvas Apps

- Design Modes
 - Canvas Apps
 - Model-Driven Apps
- Navigation Tour
- Core Design Concepts
 - Forms
 - Galleries
 - Pages
 - Expressions
 - Controls
 - Properties
 - Rules
 - Functions

- Create a PowerApps Canvas Apps
 - View, Create, Update, Delete
 - Filtering, Sorting, Grouping
 - Notifications
 - Calling a Flow
 - Getting User Information
- Introduction to Additional controls
 - Editable Grids
 - Composite Controls
 - Barcode, App, Compass, Connection, Location (GPS), SMS, Call, Email
 - Camera/Video Microphone, Pen Input
- PowerApps Charts

*Agenda is tentative and subject to changes based upon learner comprehension, instructor's discretion, and other factors.
Order, pace, content, and timeline subject to change.*

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DAY 1

DAY 2

Microsoft Flow

Microsoft Flow

- Overview
 - Scenarios and value proposition
 - Flow vs Dynamics workflows vs Logic Apps
 - Templates
- Designer
 - Navigation tour
 - Data Connectors and services
- Flow Logics

- Creating Flows
 - From a template
 - From scratch
 - Button Flows
 - Team Flows
- Monitoring and managing Flows
- Integration with Dynamics

- Overview of Advanced Capabilities
 - Custom Data Connectors
 - Mobile App
 - On-Premises Data Gateway
 - Calling Azure Functions
 - Flow Runtime Analysis

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DYNAMICS 365 UNIVERSITY

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