PowerApps & Flow: Model-Driven Apps

Course Level: 200

As Microsoft Dynamics 365 has evolved so has 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 pace 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:
PowerApps & Flow: Model-Driven 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

User Experience; Building a Good User Experience; Platform; Processes; Business Process Flows; Search Configuration; Solution and Environment Management; Business Application Platform Overview

Register

Register for a PowerApps & Flow: Model-Driven Apps today!

Click to Register.

POWER OBJECTS
An HCL Technologies Company

DYNAMICS 365 UNIVERSITY

About this
Training

Intended Audience

This training is intended for administrators and configurators who have completed CRM Boot Camp for Dynamics 365 – or equivalent experience – and desires 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 a deeper understanding of the advanced processes and low code platform options an attendee can leverage in Microsoft Dynamics 365.

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 training or equivalent application experience
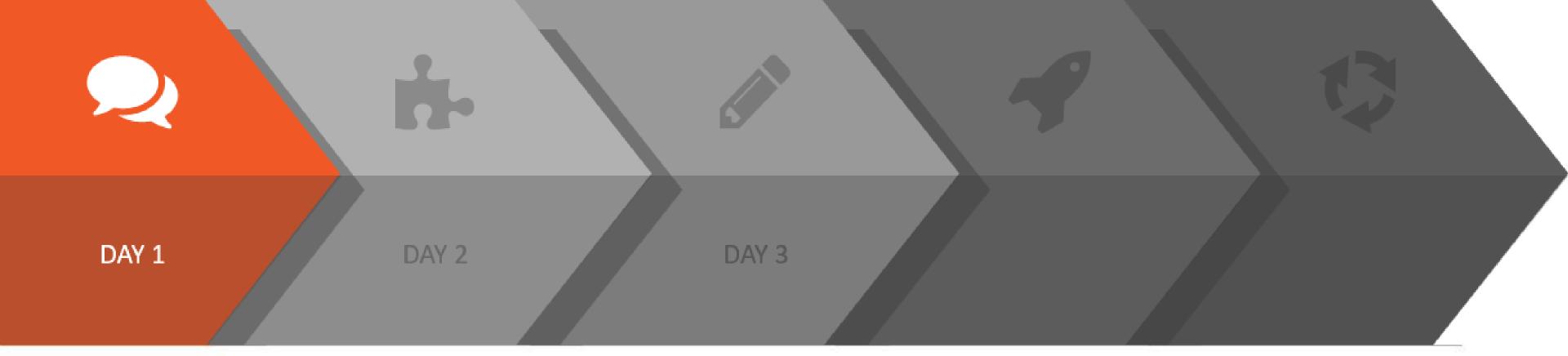
Key
Takeaways

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 PowerApps, Flow, and the Common Data Model and create a common data store, database, PowerApp, and Flow

POWER OBJECTS
An HCL Technologies Company

DAY 1   DAY 2   DAY 3

ACCESSING DYNAMICS 365

Versions
- Dynamics 365 vs. PowerApps Model-Driven Apps
  - Customer Engagement
  - Unified Operations
  - Power Platforms
  - 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 Movement
- Data Movement

COMMON DATA MODEL

Entities

Relationships
- Naming
- Visibility and Navigation
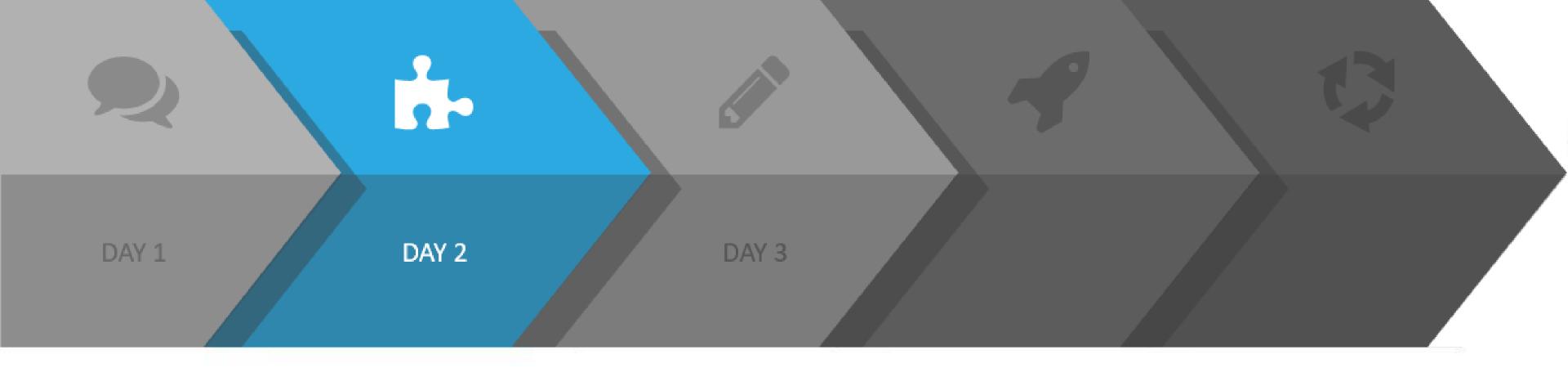
Hierarchy Configuration & Security

Fields
- Calculated fields
- Rollup fields
- Data fields

Alternate Keys

POWER OBJECTS An HCL Technologies Company

DYNAMICS 365 UNIVERSITY

BUILDING A GOOD UX

Forms
- Evolution
- Types
- Best practices
  - Multiple forms
  - Performance
- Sub-girds and Charts
- Knowledge Management Integration
- Form Navigation
- Form presentations and architecture

Views
- Best Practices
- Editable Grids
  - Features, functionality and configuration
  - Extending editable grids

Customizing for Unified Interface / Mobile / App for Outlook
- Architecture
- Navigation
- Form best practices
- Custom controls

- Optimizing
- Offline Configuration and 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 / Command Bar
- Ribbon Workbench

POWER OBJECTS
An HCL Technologies Company

DYNAMICS 365 UNIVERSITY

DAY 1   DAY 2   DAY 3

DYNAMICS 365 PROCESS

Business Rules
- Design
- Best Practices

Workflows
- Workflow Capabilities
- Background workflows
- Workflow Structure
- Real-time Workflows
- Workflow Security
- 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 Entities
- Enhance with Workflows

Concurrency, Status and Duration

Analytics

Task Flow

MICROSOFT FLOW

Build process automation that spans systems

Visual designer to compose automations

Connect to services to access data

Dynamics 365 Workflows vs Microsoft Flow

POWER OBJECTS
An HCL Technologies Company

DYNAMICS 365 UNIVERSITY

DAY 1   DAY 2   DAY 3

DYNAMICS 365
ROADMAP

Review of Resources

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