

Activate - Power Platform: ALM with Dataverse



Proof of Concept

Duration: 3 Days [Remote | Onsite]

Difficulty Level: 400 - Expert

Description

This delivery is a dynamic 3-day engagement designed to jumpstart your team's Application Lifecycle Management (ALM) journey within the Power Platform. Through expert-led presentations and real-world scenarios, participants will learn to build and optimize deployment pipelines, architect collaborative environments, and implement team development best practices using Dataverse, Power Apps, and DevOps tools. Ideal for organizations seeking to scale low-code development with confidence, this offering equips teams with the skills and strategies to deliver robust, maintainable solutions across the Power Platform.

Objectives

- Implement a basic pipeline for model-driven Power Apps
- Architect solutions in a way that is conducive to team development
- Optimize your environment architecture strategy for team development
- Apply concepts learned in the workshop to develop complex deployment pipelines for the Power Platform

Outcomes

- Develop a solid understanding of ALM
- Understand how you can apply fundamental ALM principles and practices to the Power Platform
- Understand solution architecture best practices
- Understand environment architecture best practices
- Build a pipeline/workflow from Development to your target environment

Methodology

Learn by example

Work closely with a Microsoft engineer to learn key concepts and best practices to enable a real-world deployment scenario.

Scope

In scope

The scope includes using ALM to build a basic pipeline and learn about team development best practices and anti-patterns to avoid.

Out of scope

Not included in the scope is in-depth learning about Power Automate or Canvas app development.

Agenda

Day 1

- Modules 1-5

Day 2

- Working session

Day 3

- Finish implementation
- Troubleshooting

Delivery outline

Requirements

Participants

- IT staff familiar with ALM for Power Platform

Skill Requirements

- Experience with developing solutions for Dynamics 365 Customer Engagement(Required).
- Experience with standard development concepts, such as version control and build pipelines(Recommended).
- Experience with Azure DevOps or Visual Studio Team Services(Recommended).
- A basic knowledge of Azure DevOps* or GitHub*(Recommended).

Time Commitment

- Three full-day engagement with relevant roles

Delivery Requirements

- Internet access with a minimum of 1-Mbps bandwidth or greater per student.

- Visual Studio Code or Visual Studio
- Git for Windows

Education

Day 1

- Introduction to DevOps
- Solution Fundamentals
- Continuous Integration
- Azure DevOps/GitHub/Power Platform Pipelines for ALM
- Continuous Deployment

Day 2

- Working session to automate your deployment within your environment

Day 3

- Finish implementation
- Troubleshooting

If you are interested in this engagement for your organization, contact your Microsoft Account Representative.