

COURSE NAME: Power Platform Center of Excellence (CoE)

COURSE DURATION: 4 Days (32 hours)

Prerequisites

- A basic understanding of Microsoft Power Automate, Power Apps, Power BI including their purpose and how these tools are used within an organization.

Course Overview

In this course we will identify best practices for securing and governing Microsoft Power Platform environments. We will share tools and templates that can be used to ensure you are productive as you secure and govern Microsoft Power Platform.

Day 1: Introduction to Power Platform and CoE

Module 1: Overview of Power Platform

- Introduction to Power Apps, Power Automate, Power BI, and Power Virtual Agents
- Understanding the Power Platform ecosystem
- Key benefits and business value

Module 2: Establishing a Center of Excellence (CoE)

- Defining the purpose and goals of a CoE
- Core components of the CoE Starter Kit
- Setting up the CoE environment
- Aligning CoE with organizational strategy
- CoE CLI

Hands-on Lab 1: Create a Power Platform Environment

Hands-on Lab 2: Setting Up the CoE Starter Kit

- Installing and configuring the CoE Starter Kit
- Navigating the CoE dashboard
- Exploring core components and their functionalities

Day 2: Governance and Administration

Module 3: Governance Framework

- Establishing governance policies
- Implementing Data Loss Prevention (DLP) policies
- Managing environments and solutions
- Monitoring and auditing activities

Module 4: Security Best Practices

- Role-based access control
- Ensuring data security and compliance
- Managing user permissions and licenses

- Integrating with Azure Active Directory

Hands-on Lab 3: Implementing Governance and Security Measures

- Configuring DLP policies
- Setting up role-based access controls
- Monitoring user activities and app usage

Hands-on Lab 4: Setting up audit log connector

Day 3: Nurturing and Supporting Makers

Module 5: Building a Community of Makers

- Encouraging innovation and collaboration
- Providing training and resources
- Recognizing and promoting best practices

Module 6: Support and Enablement

- Establishing support channels
- Providing guidance and assistance
- Managing feedback and continuous improvement

Hands-on Lab 3: Creating a Maker Support Portal

- Developing a portal for maker resources
- Integrating FAQs and support documentation
- Setting up feedback mechanisms

Day 4: Advanced Topics and Real-World Applications

Module 7: Application Lifecycle Management (ALM)

- Understanding ALM in Power Platform
- Implementing solution management
- Version control and deployment strategies

Module 8: Analytics and Reporting

- Utilizing Power BI for CoE insights
- Tracking adoption metrics
- Generating compliance and audit reports

Hands-on Lab 5: Import and Export Solutions

Hands-on Lab 6: Developing an ALM Strategy and Analytics Dashboard

- Creating a solution management plan
- Setting up version control
- Building a Power BI dashboard for CoE metrics