

Implement with impact Modernize and innovate SAP and drive adoption with Microsoft Cloud integration scenarios

Course Overview

This workshop we will cover the full spectrum of integrating SAP with the Power Platform – from connecting and automating, to building user-friendly applications, to leveraging AI and analytics, all underpinned by good governance. By the end of this course, participants will be equipped to drive digital transformation by extending SAP systems with low-code solutions in Power Platform, enabling faster innovation while maintaining enterprise security and compliance.



Level - Intermediate



Duration - 12 Hours

Course Modules

Day 1

Introduction to SAP and Power Platform Integration

Benefits and scenarios for integrating SAP with the Power Platform

Architecture and connectivity options for SAP- Power Platform integration

Identify the Power Platform components (Power Apps, Power Automate, Power BI, Copilot, etc.) used in SAP integration

Connecting to SAP – SAP ERP and OData Connectors

Configuring the SAP ERP connector for RFC/BAPI access to SAP

Using the SAP OData Connector for REST/OData Integration

Compare use cases for ERP vs. OData connectors

Advanced Integration - Custom Connectors and APIs for SAP

Using custom connectors to integrate with SAP

SAP Procurement template for Power Platform

Integrate SOAP-based SAP services

SAP REST APIs and OData Services

Hands-on labs

Lab 1: Streamlining SAP Product Updates with Power Apps and Odata

Lab 2: Optimizing Product Management and Orders at Contoso Electronics via Power App and SAP Integration

Lab 3: Install and set up the SAP Setup Assistant

Day 2

Robotic Process Automation – SAP GUI Automation with Power Automate Desktop

Using RPA (Robotic Process Automation) vs. API connectors for SAP integration

Using Power Automate Desktop actions for SAP

Integration with Cloud Flows

Building Apps and Workflows with SAP Data

Create Power Apps (Canvas and model-driven) that interact with SAP data

SAP integration with Microsoft Dataverse

Enterprise Templates and Samples

Using Teams as an App Platform

AI and Copilot – Integrating SAP with Intelligent Chatbots (Copilot Studio & Teams)

Copilot Studio Overview

Integrating SAP in a Copilot Agent

Copilot in Teams

Generative AI on SAP Data

Integrate SAP data with Microsoft Copilot

Security & Governance for AI

SAP Joule & Microsoft Copilot Interoperability

SAP Fiori and SuccessFactors Integration

SAP SuccessFactors Integration Tools

SAP SuccessFactors Integration with SAP ERP

SAP Fiori Integration with SAP S/4 HANA

Hands-on labs

Lab 4: Boosting Operational Efficiency in Product Management with SAP Fiori Automation

Lab 5: Automating Product Info and Pricing Updates in SAP Using Microsoft Copilot Studio

Day 3

Data Access and Monitoring - Integrating SAP with Microsoft Fabric

Overview of SAP system

Microsoft Fabric: Core Components and Capabilities

Integrate SAP data into Microsoft Fabric

SAP and Data Factory Integration

Connect SAP Data with Data Bricks

Use Cases – How Companies can Benefit from Integrating SAP into Microsoft Fabric

Analytics and Insights – Power BI with SAP

Power BI Overview

Why Integrate Power BI with SAP

Connect Power BI to SAP data sources

SAP Knowledge Center for Azure Data Factory and Synapse

Security and Governance, and Best Practices for SAP-Power Platform Solutions

Secure authentication for SAP with Entra ID integration

Microsoft Sentinel for SAP on Azure

Microsoft Defender for Cloud Standard for SAP on Azure

Governance and compliance considerations

Application Lifecycle Management (ALM) for solutions that involve SAP connectors

Hands-on labs

Lab 6: Connecting Power BI to SAP OData and Building an Interactive Dashboard

Lab 7: Ingesting SAP OData into Microsoft Fabric Using Dataflow Gen2 and Data Pipelines