

KOENIG SOLUTIONS · COURSE OUTLINE

Master Power Automate Cloud and Desktop: Automate Your Workflows and Processes

Learn to build, integrate and manage cloud and desktop automation flows with Power Automate, connectors, APIs, Azure, Power BI and AI Builder.

56 Hours

DURATION

12

MODULES

40

TOPICS

COURSE OVERVIEW

The objective of this course is to provide participants with a comprehensive understanding of Microsoft Power Automate Cloud and Desktop, enabling them to design, develop, and manage automation solutions across cloud and on-premises environments. Participants will learn to build end-to-end automation workflows, integrate applications, and optimize processes for seamless automation.

WHO THIS COURSE IS FOR

This course is designed for business professionals, IT administrators, RPA developers, automation specialists, and citizen developers who want to master both Power Automate Cloud and Power Automate Desktop to streamline workflows and automate business processes. It is ideal for those looking to integrate cloud-based automation with desktop automation to enhance productivity and efficiency.

LEARNING OBJECTIVES

- Design and implement advanced automation workflows using Power Automate Cloud to connect cloud applications, databases, and enterprise services
- Develop and execute desktop automation (RPA) solutions using Power Automate Desktop to automate manual, repetitive tasks across legacy and web applications
- Optimize, monitor, and troubleshoot automation solutions by applying best practices in error handling, security, and performance tuning for both cloud and desktop workflows

12 Modules, 40 Topics

01

Introduction to Power Automate

TOPICS

Overview of Power Automate and its features · Setting up a Power Automate account · Navigating the Power Automate interface · Understanding basic concepts and terminology

02

Power Automate Connectors

TOPICS

- Introduction to connectors and their role in automation
- Using popular connectors and creating custom connectors
- Harnessing connectors to enable seamless integrations

03

Building Power Automate Flows

TOPICS

- Creating flows from templates and from scratch
- Configuring triggers and actions for automation
- Implementing conditional branching and loops in flows

04

Power Automate Administration

TOPICS

- Managing users and environments in Power Automate
- Enforcing data loss prevention policies
- Analysing flow usage and performance
- Ensuring governance and security in Power Automate

05

Power Automate Integration

TOPICS

- Integrating with SharePoint, Dynamics 365, Power Apps, Teams, and Outlook
- Leveraging Power Automate for seamless communication and collaboration

06

Power Automate Advanced Concepts

TOPICS

- Using expressions and variables for complex automation
- Creating and using custom connectors for specific services
- Implementing parallel branches for concurrent processing
- Handling errors and retries in workflows
- Scoping actions for better workflow management

07

Power Automate Desktop

TOPICS

- Introduction to Power Automate Desktop for desktop automation
- Automating web and desktop applications with UI automation
- Creating flows to streamline repetitive tasks

08

Power Automate with APIs

TOPICS

- Introduction to APIs and their role in Power Automate
- Working with APIs to fetch and update data
- Creating custom APIs for tailored integrations
- Handling JSON and XML data in workflows
- Implementing authentication and authorization mechanisms

09

Power Automate with Azure

TOPICS

- Understanding Azure services and their integration with Power Automate
- Creating Azure Functions and Logic Apps for automation
- Building flows with Azure services for advanced scenarios

10

Power Automate with Power BI

TOPICS

- Utilizing Power Automate for Power BI integration
- Creating flows to automate data refresh and notifications in Power BI

11

Power Automate with AI Builder

TOPICS

- Introduction to AI Builder and its capabilities
- Integrating AI Builder models into Power Automate flows
- Creating custom AI Builder models for intelligent automation

12

Power Automate with Microsoft Dataverse

TOPICS

- Understanding Microsoft Dataverse and its role in Power Automate
- Creating flows to automate business processes with Dataverse
- Configuring custom entities and fields for tailored solutions

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

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