

KOENIG SOLUTIONS · COURSE OUTLINE

Power Platform Functional Consultant and Power Automate

Learn to build RPA solutions, Dataverse-based apps and automations with Power Automate, Power Apps and Power Platform.

9 Days

DURATION

12

MODULES

57

TOPICS

9 days (Content + Lab)

COURSE OVERVIEW

This course covers the Microsoft Power Platform for robotic process automation, starting with recording and designing automations, then building and deploying cloud flows and desktop flows, including automating desktop and web applications and calling desktop flows from cloud flows. It goes on to custom connectors, deployment and management of automations across machine groups, environments and data loss prevention policies. It then addresses Microsoft Dataverse, covering tables, columns, relationships and security, before moving into model-driven apps, canvas apps, business rules, business process flows and Power Fx logic, and closes with application lifecycle management through Dataverse solutions.

WHO THIS COURSE IS FOR

Functional Consultants

Power Platform Developers

Business Analysts

RPA Developers

App Makers

LEARNING OBJECTIVES

- Explain the components of Microsoft Power Platform for automation
- Design and record process automations
- Build and manage cloud flows and desktop flows
- Automate desktop and web applications with Power Automate
- Configure custom connectors and policy templates
- Deploy and manage automations across machine groups and environments
- Create and manage tables, columns and relationships in Dataverse
- Develop model-driven apps, canvas apps and business process flows

12 Modules, 57 Topics

01

LP 1: Power Platform RPA Overview

TOPICS

What is Microsoft Power Platform? · Record and analyze processes · Design Automations

02

LP 2: Power Automate Cloud Flows

TOPICS

Create and manage cloud flows · Cloud flow logic · Advanced flow scenarios · Deploy and Monitor

03

LP 3: Power Automate Desktop Flows

TOPICS

Create and manage desktop flows · Desktop flow logic · Automating Desktop Applications · Automating Web Applications · Advanced flow scenarios · Deploy and Monitor

04

LP 4: Use Desktop Flows from Cloud Flows

TOPICS

Use Desktop flows from Cloud Flows

05

LP 5: Create and Configure Custom Connectors

TOPICS

Create and configure custom connectors · Policy Templates · Custom code

06

LP 6: Deploy and Manage Automations

TOPICS

- Configure machine groups and queues required for desktop flow automations
- Prepare target environments
- Evaluate data loss prevention (DLP) policies for RPA execution
- Manage access to components

07

LP 7: Work with Microsoft Dataverse

TOPICS

- What is a relational database?
- Introduction to Microsoft Dataverse
- Manage environments
- Manage customizations with solutions
- Create and manage tables in Microsoft Dataverse
- Create and manage columns in Microsoft Dataverse
- Create relationships between tables in Microsoft Dataverse
- Create and define calculated and rollup columns in Microsoft Dataverse

08

LP 8: Manage Microsoft Dataverse

TOPICS

Load/export data in Microsoft Dataverse · Manage security in Microsoft Dataverse · Administration options in Microsoft Dataverse

09

Learning Path 9: Create model-driven Apps

TOPICS

- Introduction to model-driven apps
- Design and create model-driven apps
- Configure forms
- Configure views
- Configure charts
- Configure dashboards
- Embedding canvas apps in model-driven apps
- Configure custom pages
- Customize the command bar

10

Learning Path 10: Create Canvas Apps

TOPICS

Introduction to canvas apps · Customize a canvas app · Navigation in a canvas app · Power Fx formulas and variables · Error handling · Connect to other data in canvas apps · Describe Power Apps cards

11

Learning Path 11: Logic and Process Automation

TOPICS

- Define and create business rules
- Create business process flows
- Configure Dataverse classic workflows
- Write and use Power Fx functions and formulas
- Describe how to use Dataverse actions directly from Power Fx
- Configure low-code plug-ins

12

Learning Path 12: Application Lifecycle Management

TOPICS

- Introduction to solutions for Microsoft Power Platform
- Import and export Dataverse solutions
- Dataverse Tools to support solutions

WHAT IS INCLUDED

Everything You Need to Succeed

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

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

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✉ info@koenig-solutions.com