KOENIG SOLUTIONS · COURSE OUTLINE

Microsoft Power Automate Desktop: Web Automation Mastery

Learn to build and manage web automation flows with Power Automate Desktop, from browser control to data extraction and error handling.

32 Hours	9	27	1
DURATION	MODULES	TOPICS	HANDS-ON LAB

COURSE OVERVIEW

The objective of this course is to equip participants with the skills to design, develop, and manage automated workflows for web-based processes using Microsoft Power Automate Desktop. Participants will learn how to automate browser interactions, extract and manipulate web data, and integrate web automation into broader business workflows.

WHO THIS COURSE IS FOR

This course is designed for business professionals, automation specialists, RPA developers, IT administrators, and citizen developers who want to master web automation using Microsoft Power Automate Desktop. It is ideal for those looking to automate repetitive web-based tasks, extract data from websites, and streamline browser interactions without manual intervention.

LEARNING OBJECTIVES

- Develop and implement automated web workflows using Power Automate Desktop to interact with websites, fill forms, and navigate web pages
- Extract, process, and manipulate web data from structured and unstructured sources to improve business efficiency
- Optimize and troubleshoot web automation scripts by applying best practices in error handling, data validation, and performance tuning

TRAINING APPROACH

The course comprises 32 hours of theory and labs and is divided into 9 different chapters. Each chapter will be followed by hands-on lab exercises to reinforce learning and gauge understanding of the topics covered.

COURSE SYLLABUS

9 Modules, 27 Topics

01

Introduction to Power Automate Desktop

TOPICS

- Overview of Power Automate Desktop
- Installation and setup
- Understanding the Power Automate Desktop interface

02

Recording and Playing Back Automation

TOPICS

Recording user interactions · Editing and enhancing recorded steps · Running and debugging automation flows

03

Handling Variables and Data Manipulation

TOPICS

Introducing variables and their types · Using expressions for data manipulation · Working with arrays and collections

04

Conditionals and Decision Making

TOPICS

- Implementing conditional logic in automation flows
- Using if-else statements and switch cases
- Handling exceptions and errors

05

Loops and Iterations

TOPICS

- Introduction to loops and iterations
- Implementing for loops and while loops
- Working with loop controls and exit conditions

06

Web Automation

TOPICS

- Introduction to web automation
- Launching and controlling web browsers
- Automating interactions with web forms and pages

LAB

- Scheduling documentation reviews

07

File and Folder Operations

TOPICS

- Performing file and folder operations
- Working with file types, paths, and properties
- Automating file-related tasks and processes

08

Data Integration and External Sources

TOPICS

- Connecting to external data sources (e.g., Excel, SQL server)
- Importing and exporting data using connectors
- Using data from external sources in automation flows

09

Error Handling and Notifications

TOPICS

- Handling errors and exceptions in automation flows
- Implementing error handling techniques and strategies
- Sending email notifications for error reporting

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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