KOENIG step forward

Microsoft Solutions Partner
Microsoft Cloud Training Services

KOENIG SOLUTIONS · COURSE OUTLINE

Power Apps Advanced Features (Automation and Dataverse)

Learn to build Canvas Apps, automate processes with Power Automate, manage Dataverse and integrate Power Pages and Power BI.

24 Hours	6	44
DURATION	MODULES	TOPICS

COURSE OVERVIEW

This detailed course on Microsoft Power apps equips you with the vital skills and knowledge required to excel in creating, automating, and integrating data-centric solutions. Beginning with an introduction to the fundamental components and features of the Power Platform, the course covers building functional Canvas Apps, utilizing Power Automate for process automation, and mastering Dataverse for effective data management. It also includes designing web pages with Power Pages and integrating PowerApps with Power BI for impactful data visualization. By the end of the course, participants will possess the tools and techniques needed to optimize business processes, enhance user experience, and fully harness the capabilities of Microsoft's powerful ecosystem.

WHO THIS COURSE IS FOR

Learn to create custom apps for your business with no coding experience in our course, tailored for aspiring app creators and business professionals.

- **Business Analysts**
- **Project Managers**
- **Business Stakeholders**
- **App Developers (beginners)**
- **Solution Architects (seeking rapid prototyping skills)**
- **Educators and Trainers (in technology and business processes)**
- **Power Platform Enthusiasts**

PREREQUISITES

- Familiarity with fundamental concepts of databases and data management will be beneficial.
- Fundamental knowledge with Power Apps, Power BI is recommended.
- A keen interest in learning about AI integration and a willingness to explore new technologies will help you maximize the benefits of this course.

LEARNING OBJECTIVES

What You Will Learn

- Identify the core components of the Power Platform
- Build data-driven Canvas Apps using galleries and forms
- Apply table functions to filter, sort and update data
- Automate business processes and approvals with Power Automate
- Configure Dataverse tables and build model-driven apps
- Design business process flows within Dataverse
- Build web pages and secure them using Power Pages
- Integrate Power Apps with Power BI dashboards and reports

COURSE SYLLABUS

6 Modules, 44 Topics

01

Getting Started with Microsoft Power Platform

TOPICS

Components of Power Platform · Data Connectors · Manage environments and Solutions · Creating Canvas Apps · Power Apps Expressions · Introduction to Delegation

02

Building Data-Driven Canvas Apps

TOPICS

- Screen Design Guidelines
- Displaying Repeating Data using Galleries
- Using Table Functions to Filter and Sort Data
- Updating Data using Edit Forms and Data Cards
- Customizing SharePoint List forms
- Variables & Collections
- Using Patch
- Designing Reusable Components

03

Getting Started with Power Automate

TOPICS

- Power Automate Fundamentals
- Creating and Testing Flows
- Using Control-Of-Flow Actions
- Writing Flow Expressions
- Automating Approval Process
- Integrating Power Apps with Automate
- Integrating Flow with Microsoft forms
- Understanding Parallel Execution
- Executing Child flows from a Parent Flow
- Creating and Testing Custom Connectors

04

Working with Dataverse

TOPICS

Creating a Dataverse Database · Tables and its types · Importing data into Dataverse · Create model-driven apps · Design forms · Design views · Test your app · Configure business process flows

05

Design Web Pages Using Power Pages

TOPICS

- Get Started with Power Pages
- Core components of Power Pages
- Explore Power Pages templates
- Explore Power Pages design studio
- Introduction to Power Pages administration
- Work with Power Pages metadata
- Set up Power Pages security
- Build user experience in Power Pages

06

Integrating PowerApps with Power BI

TOPICS

- Overview of Power BI Integration features
- Embedding Power BI dashboard Tiles in PowerApps
- Extending Power BI Reports using Canvas Apps
- Triggering Flows using Power BI Dashboard Alerts

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

Ready to Get Started?

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

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