

KOENIG SOLUTIONS • COURSE OUTLINE

Microsoft Power Apps Advanced (Canvas and Integration)

2 Days

DURATION

8

MODULES

57

TOPICS

33

HANDS-ON ACTIVITIES

LEARNING OBJECTIVES

- Build canvas apps from data sources such as Dataverse and SharePoint
- Apply branding elements including fonts, colours and icons
- Implement controls and functions such as galleries and collections
- Explain data storage options and handle delegation across data sources
- Develop model-driven apps and compare them with canvas apps
- Configure integration with Microsoft Teams and SharePoint Online
- Manage users, security roles, solutions and environments

8 Modules, 57 Topics

DAY 1**01**

Demo

4 Activities

An Introduction to Power Apps

TOPICS

- What is PowerApps?
- The benefits of apps
- How to get PowerApps
- Canvas Apps, Model-Driven Apps and Power apps portal
- License Options and Costs
- Discover PowerApps with Templates

02

Demo

5 Activities

Getting Started with Power Apps

TOPICS

- Building new app from data sources (Microsoft dataverse, sharepoint, SQL server)
- Add, edit and remove controls
- Intro to Formulas
- Working with Gallery and forms
- Connect multiple data sources in one app
- Testing an app
- App Settings
- Publish and share apps
- Version history and restore
- Power apps mobile app

03

Demo

4 Activities

Branding and Media

TOPICS

- Less is more
- Duplicate screen
- Fonts
- Screen colour and matching colour
- Screen background
- Buttons and icons
- Hide on Timer
- Size and Alignment by reference
- Show or hide timer

04

Demo

3 Activities

PowerApps Controls and Functions

TOPICS

- Text
- Control
- Forms
- Media
- Charts
- Data table
- Gallery
- Variables
- Collections
- Power function (Power Fx)

DAY 2**05**

Demo

3 Activities

Data Sources and Logic

TOPICS

- Data storage and services
- How do I decide which database to use?
- Connection to on-premises data - Gateway
- What is delegation?
- Handling delegation in SharePoint, Microsoft Dataverse, SQL Server
- Handling delegable and non-delegable functions
- Specific data examples
- Displaying Data

06

Demo

2 Activities

Model Driven App

TOPICS

What is a model-driven app? · Where will my data be stored? · How do create a model-driven app · Canvas vs model-driven summary

07

Demo

2 Activities

Power Apps Integration

TOPICS

Embed power apps in Teams · Embed power apps in SharePoint online · Start a flow from a PowerApp

08

Demo

2 Activities

Administration and Maintenance

TOPICS

- Identify which user is using PowerApps
- Reuse app in another location
- Review app usage
- Prevent a user from using PowerApps
- Create users and assign roles
- Manage Solutions, Database and Environments
- Manage and create Security Roles

Practise What You Learn

#	MODULE	ACTIVITY
01	An Introduction to Power Apps	Demo: Create PowerApps LAB 1: EXPLORING POWER APPS TEMPLATE ■ Download Course Files ■ Try Cost Estimator template ■ Review the app in design mode ■ Create SharePoint Team site
02	Getting Started with Power Apps	Demo: Connect to data sources LAB 2: VISITOR PARKING LOG APP ■ Create a data source ■ Create a new app from data source ■ Customising app ■ Publish and share ■ View app on mobile
03	Branding and Media	Demo: Work with canvas app LAB 3: ON DEMAND LEARNING APP ■ Building home screen ■ Design a template screen ■ Creating a new learning experience ■ Choose an icon and publish
04	PowerApps Controls and Functions	Demo: Write formulas and build app LAB 4: RETAIL BARCODE SCANNER ■ Setting up your data source ■ Create an app from a data source ■ Optional: Try the scanner on your phone
05	Data Sources and Logic	Demo: Connect to data sources and work with delegation LAB 5: TRANSLATION APP ■ Create a blank app ■ Design a translation app ■ Use a button control to translate
06	Model Driven App	Demo: Create Model driven app LAB 6: DISCOVERING MODEL-DRIVEN APPS ■ Create a new database ■ Try a model-driven app template
07	Power Apps Integration	Demo: Integration with data sources LAB 7: BRING YOUR APPS TO OTHER SERVICES ■ Adding an app to Microsoft Teams ■ Using web parts in SharePoint

#	MODULE	ACTIVITY
08	Administration and Maintenance	Demo: Create a user and assign Security role LAB 8: HOW TO DEBUG AND EXPORT AN APP ■ Monitor an app session ■ Export an app as a package

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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