

KOENIG SOLUTIONS • COURSE OUTLINE

# PL-7003: Create and Manage Model-Driven Apps with Power Apps and Dataverse

Learn to build Dataverse tables and model-driven apps with configured forms, views, charts, dashboards and managed solutions.

**5**

MODULES

**37**

TOPICS

**11**

HANDS-ON EXERCISES

## COURSE OVERVIEW

This course covers creating and configuring tables, relationships, security and auditing in Microsoft Dataverse, including the distinction between dual-write and virtual tables. It then addresses building model-driven apps in Power Apps, covering their components, design and business process flows. Forms, views, grids, charts and dashboards are configured within these apps, followed by managing solutions across Power Apps and Power Automate, including adding, editing and deploying apps, flows and entities. A guided project consolidates these tasks by creating custom tables, modifying forms and views, and building a model-driven app.

## WHO THIS COURSE IS FOR

App Makers

Power Platform Developers

Business Analysts

Solution Architects

Dataverse Administrators

## LEARNING OBJECTIVES

- Create tables and relationships in Microsoft Dataverse
- Explain Dataverse security, auditing and logic concepts
- Compare dual-write tables with virtual tables
- Design model-driven apps and their components
- Apply business process flows within model-driven apps
- Configure forms, views, grids, charts and dashboards
- Manage solutions containing apps, flows and entities
- Build and deploy a model-driven app in a guided project

# 5 Modules, 37 Topics

01

4 Exercises

## Create Tables in Dataverse

### TOPICS

Introduction to Microsoft Dataverse · Table characteristics · Table relationships · Dataverse logic and security · Dataverse auditing · Dual-write vs. virtual tables · Check your knowledge · Summary

02

3 Exercises

## Get Started with Model-Driven Apps in Power Apps

### TOPICS

Introducing model-driven apps · Components of model-driven apps · Design model-driven apps · Incorporate business process flows · Check your knowledge · Summary

03

## Configure Forms, Charts, and Dashboards in Model-Driven Apps

### TOPICS

- Forms overview
- Form elements
- Configure multiple forms
- Use specialized form components
- Configure views overview
- Configure grids
- Create and edit views
- Configure charts overview
- Dashboards overview
- Use interactive streams and tiles
- Check your knowledge
- Summary

04

Exercise

## Manage Solutions in Power Apps and Power Automate

### TOPICS

- Introduction
- Add and remove apps, flows, and entities in a solution
- Edit a solution-aware app, flow, and table
- Build and deploy a complex solution with flows, apps, and entities
- Automate solution management
- Check your knowledge
- Summary

05

3 Exercises

## Guided Project - Create and Manage Model-Driven Apps with Power Apps and Dataverse

### TOPICS

Introduction · Prepare · Knowledge check · Summary

## Practise What You Learn

| #  | MODULE                                                                             | ACTIVITY                                                                                                                                                                                                                            |
|----|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | Create Tables in Dataverse                                                         | <ul style="list-style-type: none"> <li>Create a Microsoft Dataverse table</li> <li>Import data into your Microsoft Dataverse database</li> <li>Create table relationships</li> <li>Create a custom table and import data</li> </ul> |
| 02 | Get Started with Model-Driven Apps in Power Apps                                   | <ul style="list-style-type: none"> <li>Design model-driven apps exercise</li> <li>Control security when sharing model-driven apps</li> <li>Create a model-driven app</li> </ul>                                                     |
| 04 | Manage Solutions in Power Apps and Power Automate                                  | Import and export solutions                                                                                                                                                                                                         |
| 05 | Guided Project - Create and Manage Model-Driven Apps with Power Apps and Dataverse | <ul style="list-style-type: none"> <li>Create custom tables</li> <li>Modify forms and views</li> <li>Build a model-driven app</li> </ul>                                                                                            |

## 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

## 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?

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