

KOENIG SOLUTIONS · COURSE OUTLINE

PL-200T00: Microsoft Power Platform Functional Consultant

Learn to build and manage Power Platform solutions, from Dataverse data models to model-driven and canvas apps, automation, portals and chatbots.

5 Days

40 HOURS

10

MODULES

43

TOPICS

23

HANDS-ON LABS

COURSE OVERVIEW

This course will teach students to use Microsoft Power Platform solutions to simplify, automate, and empower business processes for organizations in the role of a Functional Consultant. A Microsoft Power Platform Functional Consultant is responsible for creating and configuring apps, automations, and solutions. They act as the liaison between users and the implementation team. The functional consultant promotes utilization of solutions within an organization. The functional consultant may perform discovery, engage subject matter experts and stakeholders, capture requirements, and map requirements to features. They implement components of a solution including application enhancements, custom user experiences, system integrations, data conversions, custom process automation, and simple visualizations. This course may contain a 1-day Applied Workshop. This workshop will allow you to practice your Functional Consultant skills by creating an end-to-end solution to solve a problem for a fictitious company. The solution will include a Microsoft Dataverse database, Power Apps canvas app, and Power Automate flows

WHO THIS COURSE IS FOR

A Microsoft Power Platform Functional Consultant is responsible for creating and configuring apps, automations, and solutions

They act as the liaison between users and the implementation team

The functional consultant promotes utilization of solutions within an organization

The functional consultant may perform discovery, engage subject matter experts and stakeholders, capture requirements, and map requirements to features

They implement components of a solution including application enhancements, custom user experiences, system integrations, data conversions, custom process automation, and simple visualizations

What You Will Learn

- Create and manage tables, columns and relationships in Dataverse
- Configure security, business rules and data import or export in Dataverse
- Design and build model-driven apps with forms, views and dashboards
- Build canvas apps with custom navigation and mobile-optimized layouts
- Create Power Pages portals using core components and design studio
- Build cloud flows and business process flows with Power Automate
- Identify use cases and components of Power Virtual Agents chatbots
- Apply Application Lifecycle Management and integrate with other services

COURSE SYLLABUS

10 Modules, 43 Topics

01

7 Labs

Learning Path 1: Work with Microsoft Dataverse

This learning path covers the capabilities of Microsoft Dataverse as the foundation for the rest of the course. This learning path also covers creating a data model using Dataverse's capabilities as the basis for building apps and flows.

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 Dataverse
- Create and define calculated and rollup columns in Dataverse

02

8 Labs

Learning Path 2: Manage Microsoft Dataverse

TOPICS

Define and create business rules in Dataverse · Load/export data in Microsoft Dataverse · Manage security in Microsoft Dataverse · Administration options in Microsoft Dataverse

03

3 Labs

Learning Path 3: Create model-driven Apps in Power Apps

TOPICS

Introduction to model-driven apps · Design and create model-driven apps · Configure forms · Configure views · Configure charts · Configure dashboards

04**Lab**

Learning Path 4: Create Canvas Apps in Power Apps

TOPICS

Introduction to canvas apps · Customize a canvas app · Build the UI in a canvas app · Navigation in a canvas app · Manage apps · Build a mobile-optimized app · Connect to other data in canvas apps

05**Lab**

Learning Path 5: Make Portals in Power Pages

TOPICS

Introduction to Power Pages · Core components and features · Portals architecture · Explore design studio

06**2 Labs**

Learning Path 6: Build Automation with Power Automate

TOPICS

- Introduction to automation in Dataverse
- Introduction to Power Automate
- Create Power Automate cloud flows
- Use Dataverse triggers and actions in Power Automate cloud flows
- Introduction to expressions in Power Automate
- Test and troubleshoot Power Automate cloud flows
- Administer Power Automate cloud flows
- Create business process flows

07**Lab**

Learning Path 7: Build Chatbots with Power Virtual Agents

TOPICS

Identify use cases for Power Virtual Agents · Identify components of Power Virtual Agents

08

Learning Path 8: Visualize Data with Power BI

TOPICS

Introduction to analyzing data with Power BI · Consume Power BI in Power Platform

09

Learning Path 9: Solutions and Integrations

TOPICS

Application Lifecycle Management · Interoperability with other services

Day 5 Applied Workshop

In this workshop, each student will evaluate the scenarios and choose one. Each scenario has similar technical requirements. The scenarios just offer a way for students to engage with the exercise and a topic they are interested in. This workshop should be open-ended and there is no single right solution. This is a chance for the learners to practice their skills with your support. Students are expected to spend a working day on this project.

Practise What You Learn

#	MODULE	ACTIVITY
01	Learning Path 1: Work with Microsoft Dataverse	■ Validate lab environment ■ Environments ■ Publisher and Solution ■ Import solution ■ Tables ■ Columns ■ Relationships
02	Learning Path 2: Manage Microsoft Dataverse	■ Business rules ■ Import data ■ Export data ■ Security roles ■ Users and Teams ■ Bulk delete data ■ Duplicate detection ■ Audit
03	Learning Path 3: Create model-driven Apps in Power Apps	■ Forms ■ Views ■ Dashboards
04	Learning Path 4: Create Canvas Apps in Power Apps	Build a canvas app
05	Learning Path 5: Make Portals in Power Pages	Build a Power Pages portal
06	Learning Path 6: Build Automation with Power Automate	■ Cloud flows ■ Business process flows
07	Learning Path 7: Build Chatbots with Power Virtual Agents	Power Virtual Agents

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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