

Power Apps: Dataverse, Canvas Apps & Power Automate

Learn to build model-driven and canvas apps on Microsoft Dataverse, integrate Power Automate and extend apps with custom connectors and plug-ins.

3 Days

24 HOURS

8

MODULES

30

TOPICS

COURSE OVERVIEW

The Power Apps Developer course is designed with comprehensive skills in developing, customizing, and integrating applications using Microsoft's Power Apps platform. This hands-on course is ideal for those who want to build custom business applications with low-code solutions.

WHO THIS COURSE IS FOR

Audience Profile:

Participants will confidently develop business applications to streamline processes, improve workflows, and enhance operational efficiency. They will learn to create custom connectors and implement business logic without extensive reliance on traditional development. This skill set allows attendees to bring innovation and agility to their organizations by creating custom solutions that meet specific business needs.

PREREQUISITES

Audience Prerequisites:

- Basic Understanding of Business Processes
- Technical Literacy
- Problem-Solving Skills
- Microsoft 365 Familiarity (Optional)
- Fundamental knowledge of Javascript/ Typescript/ Rest APIs/ SDKs and CLI concepts.

LEARNING OBJECTIVES

After completing this course, students will be able to:

- Understand the fundamentals of Microsoft Dataverse and manage customizations with solutions
- Create, manage, and customize tables and columns in Microsoft Dataverse
- Design and build model-driven and canvas-based Power Apps applications
- Develop business rules and logic with calculated columns, rollout columns, and business process flows
- Integrate Power Apps with Power Automate to automate business processes
- Extend Power Apps functionality with client-side scripting, custom connectors, and plug-ins

8 Modules, 30 Topics

01

Introduction to Microsoft Dataverse

TOPICS

Manage environments · Manage customizations with solutions

02

Experiencing Data Model

TOPICS

- Create and manage tables in Microsoft Dataverse
- Create and manage columns in Microsoft Dataverse
- Create relationships between tables in Microsoft Dataverse
- Create and define calculated and rollup columns in Microsoft Dataverse
- Define and create business rules in Microsoft Dataverse
- Types of Power Apps

03

Model Driven Application

TOPICS

Design and create model-driven apps · Configure forms · Configure views · Configure charts · Configure dashboards · Create business process flows

04

Canvas Application

TOPICS

- Get started with Power Apps
- Understanding Low Code as a Traditional Developer
- Customize a canvas app in Power Apps
- Navigation in a canvas app in Power Apps
- Power Fx formulas
- Canvas components
- Test your Power Apps application

05

Integration of Power Apps with Power Automate

TOPICS

- Introduction to Power Automate
- Create Power Automate cloud flows
- Integrate Power Apps with Power Automate Cloud Flows

06

Extending the Model-Driven Apps User Experience

TOPICS

Performing common actions with client script ·
Testing with client script

07

Extending Microsoft Dataverse

TOPICS

Introduction to Dataverse for developers · Create
plug-ins

08

Custom Connectors

TOPICS

Creation of Custom Connectors · Custom connectors with Power Apps

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.

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Live Online Classes (ILO)

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