Create and Manage Model-Driven Apps with Power Apps and Dataverse (PL-7003)

Description

Build powerful business applications with Power Apps and Microsoft Dataverse

Today, companies are looking for fast and efficient tools to meet their business needs. With Power Apps and Microsoft Dataverse, you can design powerful business applications without being a development expert. This PL-7003 training course teaches you how to master the creation of model-driven apps using a centralized and secure data platform.

Through a structured and progressive learning path, you'll learn how to create tables in Dataverse, model your data, and configure forms, views, charts, and dashboards. You'll also be able to manage complex solutions in both Power Apps and Power Automate. By taking this course, you'll gain practical skills that are highly valuable in real-world business scenarios.

Hands-on learning to meet real business challenges

The PL-7003 course is designed for anyone looking to build scalable, connected, and data-driven applications. It's a powerful lever to speed up the development of custom business apps while efficiently structuring your business environment. With clear, step-by-step modules, you'll acquire practical skills that can be directly applied to your professional projects.

Course Content
Module 1: Create tables in Dataverse

- Introduction to Microsoft Dataverse
- Table features
- Create a custom table
- Import data into Dataverse
- Create table relationships
- Configure logic and security
- Set up auditing, dual-write, and virtual tables

Module 2: Getting started with model-driven apps in Power Apps

- Introduction to model-driven apps
- Exploring app components
- Design a model-driven app
- Configure sharing and security
- Include business process flows
- Create a simple app without code

Module 3: Configure forms, charts, and dashboards

- Introduction to forms
- Configure multiple types of forms
- Use specialized form components
- Configure and modify views
- Set up interactive grids
- Configure charts and dashboards
- Use flows and interactive tiles

Module 4: Manage solutions in Power Apps and Power Automate

- Understand solutions in Power Platform
- Add or remove components from a solution
- Edit an app within a solution
- Import and export solutions
- Create and deploy a complete solution
- Automate solution management

Module 5: Guided project: build and manage model-driven apps

- Prepare your Dataverse environment
- Create custom tables
- Edit forms and views
- Build a complete application with Power Apps

Lab / Exercises

- This course provides you with exclusive access to the official Microsoft lab, enabling you to practice your skills in a professional environment.

Documentation

- Access to Microsoft Learn, Microsoft's online learning platform, offering interactive resources and educational content to deepen your knowledge and develop your technical skills.

Participant profiles

- Business analyst
- App maker
- Functional consultant
- Digital transformation manager
- Digital project manager

Prerequisites

- Understand the principles of data modeling in Dataverse
- Know how to use the Power Apps Maker Portal
- Have initial experience with business applications or workflows

Objectives

- Create tables in Microsoft Dataverse
- Configure relationships between data
- Design model-driven applications
- Set up forms, views, charts, and dashboards
- Manage and deploy solutions in Power Apps and Power Automate
- Implement security and business logic
- Build a business application based on real-world scenarios

Description
Create and Manage Model-Driven Apps with Power Apps and Dataverse (PL-7003)
Niveau
Intermédiaire
Classroom Registration Price (CHF)
900
Virtual Classroom Registration Price (CHF)
850
Duration (in Days)
1
Reference
PL-7003