PL-7003: Create and manage model-driven apps with Power Apps and Dataverse

Price: 695

Duration: 1 days

Delivery Methods: Virtual

Overview

In this learning path, you practice building model-driven apps by using Microsoft Power Apps. The skills validated include creating Dataverse tables, modifying forms and views, and configuring a model-driven app. The scenario in this experience represents real-world challenges faced by individuals with business-specific expertise who build model-driven apps.

Audience Profile

Candidates for this credential should understand application development, and data modelling concepts, and the Power Apps maker portal.

At Course Completion

Outline

Create tables in Dataverse

Dataverse lets you securely store and manage data that's used by business applications. Standard and custom tables within Dataverse provide a secure and cloud-based storage option for your data.

Lessons

- Table characteristics
- Table relationships
- Dataverse logic and security

- Dataverse auditing
- Dual-write vs. virtual tables

Exercise

- Create a Microsoft Dataverse table
- Import data into your Microsoft Dataverse database
- Create table relationships
- Create a custom table and import data

Get started with model-driven apps in Power Apps

Model-driven app design is an approach that focuses on quickly adding components to your apps. These components include dashboards, forms, views, and charts. With little or no code, you can make apps that are simple or complex.

Lessons

- Introducing model-driven apps
- Components of model-driven apps
- Design model-driven apps
- Incorporate business process flows

Exercise

- Create a Solution and add an existing data table
- Control security when sharing model-driven apps
- Create a model-driven app

Configure forms, charts, and dashboards in model-driven apps

In this module, you'll learn about forms, grids, views, charts, and dashboards that can be used in model-driven apps.

Lessons

- 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

Exercise

- None

Manage solutions in Power Apps and Power Automate

Microsoft Power Apps and Power Automate include such package features as apps from Microsoft Power Apps, site maps, flows, entities, customer connectors, and more. In this module, you'll learn how to manage solutions with Power Automate..

Lessons

- 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

Exercise

- Import and export solutions

Guided Project – Create and manage model-driven apps with Power Apps and Dataverse

In this module, practice building model-driven apps with Microsoft Power Apps, including creating Dataverse tables, modifying forms and views, and configuring apps. The lab offers interactive practice with real-world scenarios for business-specific challenges.

Lessons

- Prepare

Exercise

- Create custom tables
- Modify forms and views

- Build a model-driven app

Prerequisites

Before attending this course, students must have:

- Basic data modeling, user experience design, requirements analysis, and process analysis skills.
- A personal growth mindset and are comfortable using technology to solve business problems.
- Candidates for this credential should be familiar with data modeling concepts in Microsoft Dataverse and with the Power Apps maker portal.
- An understanding of the operational need and have a vision of the desired outcome. They approach problems with phased and iterative strategies.

Course Schedule

Date	Time	Price	Options

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