

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

### Course Details

**Course Code:** PL-7003

**Duration:** 1 day

#### Notes:

- This course syllabus should be used to determine whether the course is appropriate for the students, based on their current skills and technical training needs.
- Course content, prices, and availability are subject to change without notice.
- Terms and Conditions apply

*Elements of this syllabus are subject to change.*

#### About this course

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.

#### Prerequisites

Candidates for this credential should be familiar with data modeling concepts in Microsoft Dataverse and with the Power Apps maker portal.

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## Create tables in Dataverse

Note

*App in a Day instructor-led training*

*Continue your learning journey with the App in a Day instructor-led workshop. This course provides hands-on experience for building custom apps! Browse training events.*

### Important

*Power Virtual Agents capabilities and features are now part of Microsoft Copilot Studio, after significant investments in generative AI and enhanced integrations across Microsoft Copilot.*

*Some articles and screenshots might refer to Power Virtual Agents while we update documentation and training content.*

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.

This module helps prepare you for Exam PL-100: Microsoft Power Platform App Maker, Exam PL-400: Microsoft Power Platform Developer, Exam PL-200: Microsoft Power Platform Functional Consultant.

### Learning objectives

This module explains how to:

- Create tables with Dataverse
- Import data into a Dataverse database

## Get started with model-driven apps in Power Apps

Note

*App in a Day instructor-led training*

*Continue your learning journey with the App in a Day instructor-led workshop. This course provides hands-on experience for building custom apps! Browse training events.*

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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.

This module helps prepare you for Exam PL-100: Microsoft Power Platform App Maker, Exam PL-400: Microsoft Power Platform Developer, Exam PL-200: Microsoft Power Platform Functional Consultant.

### Learning objectives

This module explains these concepts:

- Model-driven app design
- Creating a model-driven app

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

Important

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

This module helps prepare you for Exam PL-400: Microsoft Power Platform Developer, Exam PL-100: Microsoft Power Platform App Maker, Exam PL-200: Microsoft Power Platform Functional Consultant.

### Learning objectives

This module explains how to:

- Use form elements and controls
- Configure forms
- Use specialized form components
- Use editable grids
- Identify views and use public views
- Learn how to configure charts

- Learn how to configure dashboards

### **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.

This module helps prepare you for Exam PL-400: Microsoft Power Platform Developer.

#### **Learning objectives**

In this module, you will:

- Package existing items into a solution.
- Create solutions.
- Edit existing solution-aware apps, flows in a solution.
- Import and export solutions.
- Deploy complex solutions with many components.
- Learn about component dependency on other components.

### **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.

#### **Learning objectives**

In this module, you practice how to:

- Create Dataverse tables and columns
- Work with solutions
- Modify Dataverse forms
- Modify Dataverse views
- Configure model-driven apps