Create and manage canvas apps with Power Apps (PL-7001)

Duration: 1 day
Audience: Professionnel TI

Who is this training for?

This course is aimed at a mid-level audience, consisting of professional users, business application builders, and low-code developers who want to design, customize, and deploy canvas applications with Power Apps. It is intended for people who are called upon to create application solutions to meet specific business needs, with a foundation in application logic, formulas (such as Excel) and data management (creation, reading, updating and deleting).

Training objectives

At the end of the training, the participant will be able to:

- Design and create a Power Apps canvas application responding to a given business scenario.
- Define and operate a data model, including internal and external data sources.
- Design a functional and user-friendly user interface using Power Apps controls. Use formulas and expressions to manage application logic and interactions (inspired by Excel).
- Implement data create, read, update, and delete (CRUD) operations in a canvas application.
- Test, publish, share, and manage a Power Apps app in an organizational environment.
- Apply low-code development best practices to ensure application maintainability and performance.

Summary

Applied Skills training courses are designed to validate specific skills by being oriented towards real-world scenarios. They offer a targeted alternative to traditional role-based certifications, with a focus on applying technical skills in real-world business situations. Create your own data model and canvas app to support a scenario for a fictitious business. You receive high-level specifications on the tables, columns, and custom canvas applications needed to complete this project.

Course outline

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Get started with Power Apps cavenas apps

- Customize a canvas app in Power Apps
- How to create the UI in a canvas app in Power Apps
- Work with external data in a Power Apps cavenas app
- Write data to a Power Apps canvas app
- Publish, share, and manage a canvas app
- Guided project - Create and manage canvas apps with Power Apps

Approach and methodology

The training is based on an experiential and business scenario-oriented approach, focused on the design and development of canvas applications in a professional context. Participants learn by doing through guided activities, the creation of a data model, and the complete development of an application that meets given functional requirements. The approach emphasizes low-code, business user autonomy, and the real-world application of skills validated by Microsoft Applied Skills.

Recommendations

Understand the development of applications or equivalent content, the writing of formulas such as those in Excel or equivalent content and the creation, reading, updating and deleting of data

Certifications

- Exam/Assessment: Assessment Applied Skills – PL-7001 •Certification Earned: Microsoft Applied Skills: Create and manage canvas apps with Power Apps
- Note: This course does not lead directly to a role-based Power Platform certification, but may serve as a partial preparation for paths such as PL-200 or PL-400.

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