Build intelligent applications (AB-410T00)

Duration: 3 Days
Audience: Professionnel TI

Who is this training for?

This course is designed for individuals who want to learn how to build intelligent applications using the Microsoft Power Platform and are new to using AI, copilots, and agents in solution design. It is ideal for learners with a general understanding of business processes or app building who want to develop the skills to analyze requirements, select appropriate Power Platform components, and create AI enhanced solutions. The course introduces how AI and agents can improve application behavior, automation, and user experience, while also building awareness of governance and responsible use as learners begin their journey into intelligent app development.

Training objectives

After completing this course, students will be able to:

- Describe AI first design principles and apply them to business solution planning using Microsoft Power Platform.
- Write effective prompts for generative AI tools and use AI powered Plans to design a solution blueprint.
- Build and configure a data model in Microsoft Dataverse, including custom tables, columns, and security roles.
- Create canvas apps in Microsoft Power Apps with Dataverse data, Copilot integration, and AI assisted features.
- Build model driven apps with forms, views, charts, and dashboards in Microsoft Power Apps.
- Create a customer facing portal using Microsoft Power Pages and Power Pages Studio.
- Build automated cloud flows in Microsoft Power Automate using Dataverse triggers and actions.
- Create an approval flow to route and manage business process requests in Power Automate.
- Use AI Builder grounded prompts to surface relevant Dataverse data in Power Platform solutions.
- Surface a Copilot Studio agent in a Power App.

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Summary

This course teaches learners how to design and build intelligent applications on the Microsoft Power Platform by using AI, copilots, and agents to solve real business problems. Learners explore how Power Apps, Power Automate, Power Pages, Copilot Studio, and AI enabled capabilities work together to create agent first, AI enhanced solutions that improve productivity, decision making, and user experience.

Course outline

Learning Path 1 — Get started with AIfirst solutions in Microsoft Power Platform

- Module 1 — Design AI powered business solutions with Microsoft Power Platform
- Module 2 — Create effective prompts for generative AI training tools
- Module 3 — Turn business ideas into Power Platform solutions with Plans

Learning Path 2 — Build your data model with Microsoft Dataverse

- Module 1 — Create tables in Dataverse
- Module 2 — Create and manage columns within a table in Dataverse
- Module 3 — Get started with security roles in Dataverse

Learning Path 3 — Build intelligent apps and portals with Microsoft Power Apps

- Module 1 — Get started with Power Apps canvas apps
- Module 2 — Customize a canvas app in Power Apps
- Module 3 — Publish, share, and maintain a canvas app

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Module 4 — Get started with model driven apps in Power Apps

- Module 5 — Configure forms, charts, and dashboards in model driven apps
- Module 6 — Core components of Power Pages
- Module 7 — Explore Power Pages design studio

Learning Path 4 — Automate and extend your solutions with AI in Microsoft Power Automate

- Module 1 — Get started with Power Automate
- Module 2 — Use Dataverse triggers and actions in Power Automate
- Module 3 — Build approval flows with Power Automate
- Module 4 — Create AI Builder prompts using your own Dataverse data

Approach and methodology

Practical and structured approach combining focused theory with guided hands on labs. Participants progressively build intelligent, AI powered applications across Power Apps, Dataverse, Power Automate, and Power Pages through real world, scenario based exercises that promote immediate application of learning.

They learn how to design AI first business solutions, model data in Dataverse, create intelligent apps and portals, and automate processes with AI enhanced flows. The course emphasizes the use of copilots, agents, grounded prompts, and low code extensibility to deliver modern, AI driven applications.

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Led by a Microsoft certified trainer (MCT), the course encourages interactivity and the development of directly transferable skills that help participants confidently build, extend, and deploy intelligent solutions within the Microsoft Power Platform ecosystem.

Prerequisites

A basic knowledge is recommended before starting this course:

- Basic knowledge of Power Platform (Power Apps, Power Automate).
- Understanding of data modelling concepts (tables, columns, relationships).
- Familiarity with Microsoft 365.
- Interest in AI (prompts, copilots, agents).
- Ability to follow hands on labs in Power Platform.

Certifications

Microsoft Certified: Intelligent Applications Builder Associate

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