

Power Platform Accelerator

Duration: 40 hours

Overview:

In this course, you will delve into the dynamic world of Microsoft's Power Platform components, offering an extensive exploration of Power Apps, Power Automate, Power BI, and Copilot Studio. The course starts with the fundamentals of creating apps using Power Apps, talking about the different types of Power Apps and how to create them. It also focuses on automating processes with Power Automate, covering topics such as RPA, creating desktop flows, and integrating with tools like Outlook, AI Builder, and Teams. You will also explore the Power BI capabilities while learning about the entire data lifecycle. It also introduces the concept of conversational AI with Copilot Studio, teaching participants to create and integrate intelligent bots, along with the AI capabilities offered within different portals. This hands-on training equips participants with the skills to harness the full potential of the Power Platform for efficient and innovative solutions.

Course Objectives:

In this course, we will cover:

- Fundamentals of the Power Platform and its components.
- Canvas and Model Driven Apps using Power Apps.
- Dataverse for data management within Power Apps.
- Automate business processes using Power Automate, including creating desktop flows and integrating cloud flows.
- Analyse and visualize data effectively using Power BI
- Develop conversational AI bots using Copilot Studio and integrate them with various channels.
- Explore and implement AI features using AI Builder, including prebuilt and custom AI models.

Course Content:

Lesson 1: Create apps with Power Apps

- Introduction to Power Platform
- Types of Power Apps
- Creating Canvas apps
- Working With Dataverse
- Creating Model Driven Apps
- Power Automate

Lesson 2: Automate processes with Power Automate

- Introduction to RPA and Power Automate
- Types of Power Automate Flows
- Create your first Power Automate desktop flow
- Use Input & Output Parameters
- Connecting Cloud flows with Desktop Flows
- Integrate with Outlook, AI builder and Teams
- Add Power Automate for desktop Web and Excel capabilities

Lesson 3: Analyse with Power BI

- Introduction to Power BI and Power BI Demo
- Accessing & preparing the data
- Data Modelling and Exploration
- Visualizations
- Publishing and accessing Reports
- Building a Dashboard and Sharing

Lesson 4: Create Bots using Copilot Studio

- What is Conversational AI?
- Overview of Copilot Studio
- Create your first topic, test and publish your Copilot Intelligence
- Build Power Automate flows for your Copilot
- Integrate your bot with channels

Lesson 5: Additional AI features

- Introduction to AI Builder
- Model with AI Builder
- Prebuilt AI Models
- Custom AI models
- AI builder with Power apps and Power Automate
- Creating Power Apps using Start with copilot
- Describe it to design it with Power Automate