INTENSIVE MICROSOFT POWER PLATFORM
KNOW-HOW WORKSHOP

Duration: 4 days; Instructor-led

WHAT WILL YOU LEARN?

Microsoft Power Platform is made up of Power Apps, Power Automate (formerly known as Flow) and Power BI. This 4-day workshop gives an overall picture to students on how to get up to speed in utilizing all the apps in Power Platform to build a custom solution that automates business processes and the ability to generate reports immediately.

PREREQUISITES

This course is for beginners and non-developers and assumes no prior knowledge of Power Platform. You will be guided on a step-by-step through the process of building your own business app. A good experience in working with Microsoft Office such as Excel is preferred.

WORKSHOP CONTENTS

Module 1:   Introduction to Power Platform

- What is Power Platform?
- Understanding Power Apps, Power Automate and Power BI.
- Understanding Common Data Service (CDS).

Module 2:   Power Apps Canvas Apps

- What is a Power Apps canvas app?
- Connect to data sources.
- Work with screens and navigation.
- Customize user experience.
- Save, share and running an app.
- Lab 02 – Creating a canvas app.

Module 3:   Introduction to Common Data Service (CDS)

- What is an entity?
- Create and customize a custom entity.
- Save data into the Common Data Service (CDS) using the Form control.
- Lab 03 – Creating an entity in CDS and connecting the canvas app to CDS.

Module 4:   Power Apps Model-driven Apps

- What is a Power Apps Model-driven app?
- Create a Model-driven app.
- Customize forms for the Model-driven app.
- Use of a Business Process flow.
- Lab 04 – Creating a model-driven app and the business process flow.

Module 5:   Introduction to Power Automate

- Understanding Power Automate.
- Create a trigger flow.
- Create an approval request flow.
- Lab 05 – Creating an approval flow and testing the logic.

Module 6:   Introduction to Power BI

- What is Power BI?
- Connecting Power BI to the Common Data Service (CDS).
- Create visualizations based on CDS data.
- Lab 06 – Connecting Power BI to CDS and generating historical report.

Case Study (if time permits): Conference Management scenario

- Creating a Conference Admin app.
- Creating a Conference Attendee app.
- Adding a business card reader to the app.
- Make a submission page for conference speakers.
- Adding a business process flow to manage conference sessions.
- Build a flow to approve a conference session.