

POWER APPS WORKSHOP

FOR CITIZEN DEVELOPERS



OVERVIEW



The workshop is based on the flipped classroom concept and includes demonstrations, QnA sessions and practice. The aim is to support participants to build their first application with help of the trainer.

The Workshop consists of the following modules:

1. Introduction to apps architecture
2. Create canvas app from scratch
3. Configure app logic
4. Manage Power Apps applications
5. AI Builder
6. Use Power Apps for Teams

In each module, participants will receive homework to create a part of a specific application. At the end of the workshop each participant will have ready-to-launch Power Apps application and will be able to build more powerful and valuable solutions

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FLIPPED CLASSROOM CONCEPT



ONLINE VIDEO BEFORE COMING TO CLASS

- Self-study new material by watching pre-recorded videos
- Get a short knowledge test



EXPLORE THE NEW MATERIAL AT-LENGTH

- Get deep knowledge during in-class activities with the trainer
- Define the scope of the homework project



APPLY NEW KNOWLEDGE, QNA

- Work on your project independently or in a group
- Join a QnA session to get answers to your questions



PRESENT YOUR SOLUTION TO YOUR GROUP

- Introduce your project to your colleagues and manager
- Get the feedback from your trainer



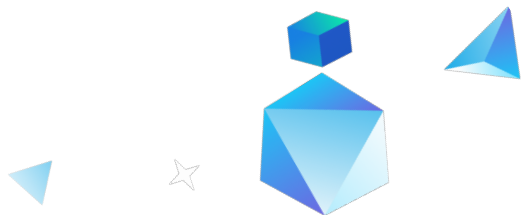
USE NEW KNOWLEDGE IN YOUR WORK

- Get recommendations to continue the learning experience
- Apply new knowledge in your day-to-day tasks

AGENDA

MODULE	TOPICS	DURATION	MODULE	TOPICS	DURATION
1 INTRODUCTION TO APPS ARCHITECTURE	<ul style="list-style-type: none"> What is application software, 3-layer architecture Power Apps overview Power Apps applications samples Create a canvas app by connecting to a data Publish, share and run Power Apps application 	6 hours: Lesson 1 – 2 h Lesson 2 – 2 h Lesson 3 – 2 h	4 MANAGE POWER APPS APPLICATIONS	<ul style="list-style-type: none"> Export and import app Restore previous versions Use Test Studio for app testing Get usage analytics Create a solution 	6 hours: Lesson 1 – 2 h Lesson 2 – 2 h Lesson 3 – 2 h
2 CREATE CANVAS APP FROM SCRATCH	<ul style="list-style-type: none"> Choose layout and adjust settings Add controls to the first screen Add screens from template/create from scratch Set up connection to data sources Introduction in Fx functions 	6 hours: Lesson 1 – 2 h Lesson 2 – 2 h Lesson 3 – 2 h	5 AI BUILDER	<ul style="list-style-type: none"> Introduction in AI Builder AI Builder models overview Create, train and use AI Builder model Use AI Builder models in canvas app Other AI services for canvas app 	6 hours: Lesson 1 – 2 h Lesson 2 – 2 h Lesson 3 – 2 h
3 CONFIGURE APP LOGIC	<ul style="list-style-type: none"> Understanding of functions, collections, variables Create and use collections Data sorting and filtering Use context variable Integrate with Power Automate 	6 hours: Lesson 1 – 2 h Lesson 2 – 2 h Lesson 3 – 2 h	6 USE POWER APPS FOR TEAMS	<ul style="list-style-type: none"> Limits Work with Dataverse for Teams Create an app in Power Apps for Teams Share the app and manage permissions Analyze apps usage 	6 hours: Lesson 1 – 2 h Lesson 2 – 2 h Lesson 3 – 2 h

TOTAL 36 HOURS



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SCHEDULE (SAMPLE)

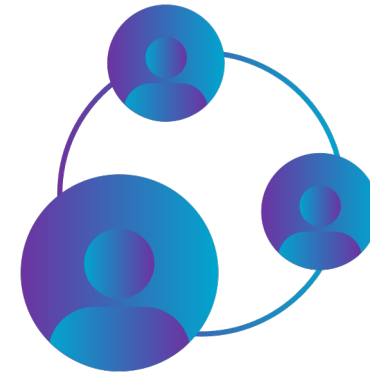


WEEK #	Module #	MON	TUE	WED	THU	FRI
1	1	Lesson 1.1		Lesson 1.2		Lesson 1.3
2	2	Lesson 2.1		Lesson 2.2		Lesson 2.3
3	3	Lesson 3.1		Lesson 3.2		Lesson 3.3
4	4	Lesson 4.1		Lesson 4.2		Lesson 4.3
5	5	Lesson 5.1		Lesson 5.2		Lesson 5.3
6	6	Lesson 6.1		Lesson 6.2		Lesson 6.3

AUDIENCE PROFILE

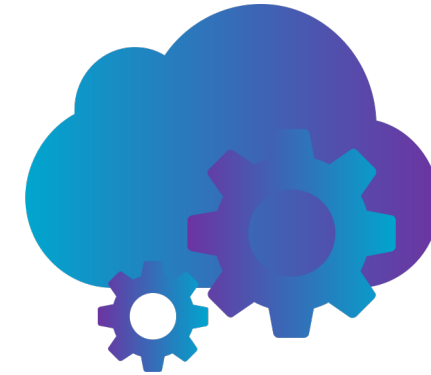
- Citizen developers
- Digital champions
- Non-IT professionals who would like to learn how to speed up building and launching simple applications and workflows by themselves
- Developers who want to highlight their understanding of the low-code development approach and maintain applications developed on the Power Platform

Participants do not need to have any experience with Microsoft Power Platform before taking this course. However, a basic level of familiarity with computer technology, data analytics, cloud computing, and the Internet is assumed.



DELIVERABLES

- Ready to launch **Power Apps Canvas App application**
- Configured **integration with AI services**
- **Recommendations for next steps** in learning Power Apps for each participant



REQUIREMENTS

Requirements for participants:

- Basic knowledge of software architecture
- Ability to work independently for ~2 hours between lessons
- Own a business problem to solve during the course
- PC/laptop with a web camera, headset, and microphone
- Microsoft Teams desktop app
- Licenses:
 - Microsoft 365 E3/E5
 - Power Apps / Power Automate Premium (could be trial)
 - AI Builder (could be trial), Azure subscription





FUTURE

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