

# GitHub Copilot workshop (1 day)



6 h / day



5-15 persons



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9 h prep.

- **Course description:**  
The course is an introduction to AI-assisted software development and its main concepts. On this course we will focus on GitHub Copilot, and how it can help with software development.  
In this workshop style course, we will first get to know the tool, some of its key features, and then we'll do a few exercises using the tool for the development.
- After this course, the participants will be able to try GitHub Copilot or any similar AI-assisted development tool and use it in their own working context.
- Preparation includes a planning meeting with the customer and a short survey for participants to gather use cases and clarify context for the training exercises
- **Target group:**  
The course is suitable for anyone in software development from junior to senior level. There's no need for prior GenAI experience or AI-assisted development skills. It helps if you are familiar with Visual Studio Code.
- Each participant needs access to GitHub Copilot for the exercises, and Visual Studio Code editor installed on their computers. GitHub Copilot is available for free for normal GitHub users, or as a paid subscription for business users. Participants should setup and prepare the tools before the workshop, so they are ready to use.

## Pre-workshop tasks

- Recognizing potential use cases and areas for improvement
- Filling a short form

## Topics

- Introduction to AI-assisted development
- Introduction to GitHub Copilot, key features
- Prompting techniques
- Planning vs. editing
- Advanced configuration

## Demo examples

- Understanding a code base
- Creating a web app prototype
- Adding a feature, adding test cases

## Workshop exercises

- Exercises: Customized for client