

Introduction to Github Copilot e-Learning (EN)

e-Learning

Training code	CGAGITCECE
Spoken Language	<?php?> English
Language Materials	English
Price	€200,00 excl. VAT No extra costs.

What is Introduction to Github Copilot e-Learning

The Introduction to GitHub Copilot e-learning is designed to provide you with a comprehensive understanding of GitHub's AI-powered coding assistant. This curated learning module delves into how Generative AI (GenAI) functions, the data GenAI is trained on, and when it's appropriate to leverage GenAI solutions in development environments. The e-learning also provides a basic overview of the Github Copilot setup, helping you understand how tools like GitHub Copilot are revolutionizing the software development process. You'll explore tips and tricks for crafting prompts, using techniques like zero shot, one shot and few shot, and advanced Copilot features like copilot chat and inline chat. The e-learning provides you with a kickstart in working with Github Copilot and, as a result, dramatically increasing your coding efficiency.

Who should attend Introduction to Github Copilot e-Learning

This training is suitable for:

- Software Engineers - looking to accelerate coding with AI assistance.
- DevOps Engineers - aiming to streamline workflows and automate routine tasks.
- AI enthusiasts - curious about how LLMs and AI tools like Github Copilot can accelerate coding activities.
- IT managers - wanting to explore the benefits of AI tools to improve team productivity.
- Developers - seeking tools to improve efficiency and learn best practices more quickly.
- Data Scientists - leveraging AI tools to write better, more efficient code.
- Full-stack developers - aiming to improve both front-end and back-end development processes.

Prerequisites

Basic knowledge of coding is recommended. No prior experience with GitHub Copilot or AI tools is required, but a willingness to learn how AI can enhance coding is essential.



Objectives

After this training you will be able to:

- Explain how GitHub Copilot works and its applications in software development.
- Use GitHub Copilot to increase your productivity.
- Craft effective prompts in GitHub Copilot using techniques like zero shot, one shot and few shot.
- Use advanced features like copilot chat and inline chat.

If a third-party copyright applies to this course, you will find the copyright on <https://academy.capgemini.nl/en/topic/trademarks/>

Capgemini Academy's general terms and conditions are applied to all products and services mentioned within this document. For the latest version please check <https://academy.capgemini.com/>. The rates of products and services mentioned in this document are subject to change. For the most recent rates, please also visit our website.

About Capgemini Academy

Capgemini Academy's professionals offer what people in IT need. Our professionals have a keen eye for motivation, talent and are aware of specific contexts and circumstances. They move people to move. Programmes and courses that originate from daily experience of our both didactical and substantively strong trainers, light a fire within the individual IT professionals. Real life stories of our professionals' experience that tell how to solve problems and work with the people around it, do the rest.

An organization, like ours, helps people and their organizations day by day to get the best out of themselves and each other. We prepare them to defy tomorrow's challenges. We stimulate learning and curiosity. In order for individual IT professionals and their employers, to build better, longer and more intensive relationships. For mutual benefit.

Capgemini Academy. We transform IT professionals
academy.capgemini.nl

IN/3A-018.18