

GenAI for Software Engineers (EN)

Group Training

Training code	CGAGAISECE
Spoken Language	English
Language Materials	English
Dayparts	2
Price	€850,00 excl. VAT No extra costs.

What is GenAI for Software Engineers

In the rapidly evolving landscape of Software Engineering, the integration of cutting-edge technologies is paramount. Enter GenAI for Software Engineers, a training designed for and by Software Engineers eager to harness the full potential of Artificial Intelligence (AI) in their roles.

In this training, we will introduce GenAI and the current toolset available in the market. We will touch on subjects such as risks, privacy, and ethical AI usage.

We will dive in depth into GitHub Copilot, a GenAI programming assistant. We will teach you how it works, and when to use it.

Who should attend GenAI for Software Engineers

This training is suitable for:

- Software Engineers: To enhance AI integration in projects.
- DevOps Engineers: To streamline deployment of AI-driven applications.
- IT Professionals: To stay updated with cutting-edge AI developments.
- System Architects: To design AI-integrated software systems.

Prerequisites

Participants should have a foundational understanding of software engineering principles and basic knowledge of Generative AI concepts.

You must bring a laptop that can run software via a browser.

Objectives

After this training you will be able to:

- Define key concepts and techniques in Generative AI.



- Analyze and evaluate the applications of generative models in software engineering.
- Implement natural language processing techniques in software projects.
- Optimize software performance with AI tools and frameworks.
- Integrate Generative AI solutions into existing software systems.
- Design innovative AI-driven software architectures.
- Apply ethical considerations in the development and deployment of AI technologies.

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