

# Programming with AI Support

## Github CoPilot & Co.

The activity of programming, regardless of the programming language used, will change fundamentally in the coming years due to the possibility of using AI as a tool.

This AI training course uses examples and various tools to show how AI systems can support this and what added value can be gained from them. This involves both the creation of code and its optimization as well as documentation.

### Course Contents

- Fundamentals: AI, machine learning, and language processing
- Modern AI functions: Working with your own data and documents
- Effective prompts and AI control
- Getting started with programming using Python and VS Code
- GitHub Copilot: Using AI as a programming assistant
- Advanced settings and tools for professionals
- AI in everyday coding: Automatic code completion and testing
- Methods for code improvement and documentation
- Dealing with errors and frustration while learning
- Automating daily tasks on the computer

### Target Group

This AI training course is aimed at programmers and career changers in the field of software development who want to use generative AI to automate routine programming tasks.

### Prerequisites

Basic knowledge of any programming language is an advantage.

### Course Target

You will gain in-depth experience in the day-to-day use of AI in software development. You will learn first steps and best practices. You will learn how to master typical challenges and structure larger projects. After the course, you will also be able to clearly communicate the benefits and pitfalls of the technology.

### This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

[www.experteach-training.com/go/CGPT](http://www.experteach-training.com/go/CGPT)

### Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

### Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

### Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

### Premium Print Package



You can optionally purchase the high-quality Premium Print Package for this course at a price of € 150 (plus VAT).

Training		Prices, excl. of V.A.T.	
<b>Classes in Germany</b>	<b>2 Days</b>	<b>€ 1,795</b>	
<b>Classes in Austria</b>	<b>2 Days</b>	<b>€ 1,795</b>	
<b>Classes in Switzerland</b>	<b>2 Days</b>	<b>€ 2,290</b>	
<b>Online Training</b>	<b>2 Days</b>	<b>€ 1,795</b>	
<b>Date/course venue</b>	<b>Course language German</b>		
15/06-16/06/26	Düsseldorf	01/10-02/10/26	Wien
15/06-16/06/26	Online	01/10-02/10/26	Zürich
23/07-24/07/26	München	02/11-03/11/26	Hamburg
23/07-24/07/26	Online	02/11-03/11/26	Online
24/08-25/08/26	Frankfurt	30/11-01/12/26	Düsseldorf
24/08-25/08/26	Online	30/11-01/12/26	Online
01/10-02/10/26	Online		

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**EXPERTeACH**



# Table of Contents

## Programming with AI Support – Github CoPilot & Co.

<b>1 Einführung zu künstlicher Intelligenz</b>	<b>4.2</b> Programmieren mit ChatGPT
<b>1.1</b> KI-Fluch oder Segen?	<b>4.2.1</b> Erste Schritte als Programmierer
<b>1.1.1</b> Was ist denn eigentlich KI?	<b>4.2.2</b> Codeanalyse und Fehlerkorrektur
<b>1.1.2</b> Geschichte von KI	<b>4.2.3</b> Wahl eines Moduls
<b>1.2</b> Machine Learning	<b>4.3</b> Best Practices und Prompt Engineering
<b>1.2.1</b> Supervised Learning	<b>4.3.1</b> Grundlegende Vorgehensweisen
<b>1.2.2</b> Unsupervised Learning	<b>4.3.2</b> Chain of Thought
<b>1.2.3</b> Reinforcement Learning	<b>4.3.3</b> Zero- und Few-Shot Prompts
<b>1.3</b> Natürliche Sprachverarbeitung	<b>4.3.4</b> Benutzerdefinierte Anweisungen
<b>1.3.1</b> Tokenisierung	<b>4.3.5</b> ChatGPT als Prompt Creator
<b>1.3.2</b> Vektorisierung und Embeddings	<b>4.4</b> ChatGPT Plus, Enterprise und API
<b>1.4</b> Allgemeine Künstliche Intelligenz	<b>4.4.1</b> Plugins
<b>1.4.1</b> Wann kommt die AGI?	<b>4.4.2</b> API und Playground
	<b>4.4.3</b> ChatGPT-API
	<b>4.4.4</b> Playground
	<b>4.5</b> Grenzen von ChatGPT
<b>2 Neuronale Netze und die Transformer Architektur</b>	<b>5 Ethik und gesellschaftliche Auswirkungen</b>
<b>2.1</b> Einführung in neuronale Netze	<b>5.1</b> Technologischer Fortschritt
<b>2.1.1</b> Biologisches vs. künstliches Neuron	<b>5.2</b> Regulierungen in Europa
<b>2.1.2</b> Mehrschichtige neuronale Netze	<b>5.3</b> Regulierungen in Amerika
<b>2.1.3</b> Training und Backpropagation	<b>5.4</b> Datenschutz und Privatsphäre
<b>2.2</b> Entwicklungsschritte zu ChatGPT	<b>5.5</b> Ethik und Soziale Gerechtigkeit
<b>2.2.1</b> Rekurrente neuronale Netze (RNN)	<b>5.6</b> Änderungen der Arbeitswelt
<b>2.2.2</b> LSTM & GRU	
<b>2.3</b> Transformer: Attention-Mechanismus	
<b>2.3.1</b> Die Evolution der Sequenzmodelle	
<b>3 Das GPT-Modell</b>	<b>6 Zukunftsperspektiven von KI</b>
<b>3.1</b> Was ist GPT?	<b>6.1</b> Artificial General Intelligence
<b>3.2</b> Training von GPT	<b>6.1.1</b> Unklarheit des Begriffs
<b>3.2.1</b> Stufe 1: Pre-Training	<b>6.1.2</b> Einschätzung der Experten
<b>3.2.2</b> Stufe 2: Supervised Finetuning	<b>6.2</b> Hardware als Treiber für KI-Innovation?
<b>3.2.3</b> Stufe 3 & 4 Reinforcement Learning	<b>6.2.1</b> Quantencomputer und KI
<b>3.3</b> Alternativen zu GPT	<b>6.3</b> Überblick über KI-Trends
<b>3.3.1</b> Vergleich der Modelle	<b>6.3.1</b> Abschließende Worte
<b>3.3.2</b> Antwortenvergleich der Modelle	
<b>3.3.3</b> Benchmarks für den Leistungsvergleich	
<b>3.3.4</b> GPT4ALL - Open Source Modelle lokal nutzen	
<b>3.4</b> Anwendungen von GPT	
<b>3.4.1</b> Microsoft Office365 Copilot	
<b>3.4.2</b> Github Copilot	
<b>4 Die Nutzung von ChatGPT</b>	
<b>4.1</b> Die grafische Oberfläche zu ChatGPT	
<b>4.1.1</b> Textgenerierung & -Übersetzung	
<b>4.1.2</b> Formulierung von Texten	
<b>4.1.3</b> Brainstorming	

