

Advanced ChatGPT & Co.

Programming use cases and implementing AI projects

Language models such as ChatGPT, Bing AI, Gemini and Llama have proven that they can generate source code for almost any programming language. However, the quality of the generated code can vary greatly depending on the task.

This course is dedicated to the question of which tasks AI models solve well, where their limits lie and what other benefits they can bring. Various examples are used to demonstrate the strengths and weaknesses of AIs when using them so that you are able to implement your own use cases professionally.

The training, which has the character of a workshop, is largely based on hands-on exercises, so that you can train procedures that you can use to create your own use cases. The practical exercises enable participants to successfully implement AI solutions in projects.

Course Contents

- Hands-on experience with AI and ML models and model tuning techniques
- Typical components of an AI solution: hardware and software, data sources
- Comparison of the capabilities of different AIs
- Basics of local AI models
- Training and fine-tuning of a local AI model
- Integration, utilisation and fine-tuning of AI models
- Design and creation of projects and systems with AI models
- Use of AI assistants such as GitHub Copilot for code generation
- Analysing, debugging, refactoring and reviewing code
- Creation of basic frameworks for automated testing of specific codes
- Current trends such as ChatGPT, Gemini, Llama, Orca2 and innovations

E-Book The detailed digital documentation package, consisting of an e-book and PDF, is included in the price of the course.

Target Group

This course is aimed at programmers and software developers who want to use AI in their projects.

Prerequisites

The knowledge imparted in the courses ChatGPT - Programming & Problem Solving with AI Support and Machine Learning - Data Science and Artificial Intelligence creates a good basis for attending the course.

Programming skills in Python are necessary to be able to follow the exercises and examples. These can be acquired in our Python courses such as Python for beginners - introduction to programming or Python for programmers - basics for a quick transition.

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/CGP2

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.

Training		Prices, excl. of V.A.T.	
Classes in Germany		3 Days	€ 2,395
Online Training		3 Days	€ 2,395
Date/course venue		Course language German	
04/06-06/06/25	Düsseldorf	20/08-22/08/25	Online
04/06-06/06/25	Online	29/10-31/10/25	München
09/07-11/07/25	München	29/10-31/10/25	Online
09/07-11/07/25	Online	10/12-12/12/25	Düsseldorf
20/08-22/08/25	Frankfurt	10/12-12/12/25	Online

Status 03/13/2025

Our Training Offer for You:



Classroom Training

The live training experience in our training centers or on your premises on-site.



Online Training

Attend your course in online mode – without travel and accommodation expenses and effort.



Hybrid Training

Classroom & online in one course – choose how you wish to participate in your training event.



In-house Training

We create your customized training concepts for your project.



Guaranteed Course Dates

ExperTeach guaranteed course dates allow for secure and reliable planning.

Awards Won by ExperTeach



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