

## Generative AI with ChatGPT

### Audience course Generative AI with ChatGPT

The course Generative AI with ChatGPT is intended anyone interested in applying generative AI using ChatGPT in real-world scenarios.

### Prerequisites Course Generative AI with ChatGPT

To participate in the course, no specific programming experience is required. Basic computer skills and familiarity with web-based tools is sufficient.

### Realization training Generative AI with ChatGPT

The course is led by expert trainer and offers a mix of theory, demonstrations and hands-on exercises. Interactive prompts are used to explore the capabilities of ChatGPT.

### Generative AI with ChatGPT Certificate

After successfully completing the course, attendants receive a certificate of participation.

Duration: 2 days

Price: € 1499

[Open Schedule](#)



Generative AI with ChatGPT



## Content Course Generative AI with ChatGPT

The course Generative AI with ChatGPT offers a practical introduction to Generative AI using ChatGPT. It covers prompt engineering, real-world applications, development integration, creative use cases, and advanced ChatGPT features for boosting productivity and creativity.

### Intro to Generative AI

This module introduces Generative AI and ChatGPT's evolution. Participants explore how GPT models differ from traditional AI, the basics of tokenization, capabilities and limits, use cases, context windows, and guidelines for responsible usage.

### Prompt Engineering

Participants learn what makes an effective prompt and how to design prompts using templates, role instructions, and structured outputs. The module covers tone control, system messages, safety, bias, and reducing hallucinations.

### Applications of ChatGPT

Explore real-world business uses: customer service, HR tasks, report generation, marketing, content summaries, legal support, and knowledge management. Focus is on workflow integration and boosting productivity with ChatGPT.

### ChatGPT for Developers

This module teaches how to integrate ChatGPT via API, manage authentication, build basic apps, and use tools and function calls. Also covered are automation, webhooks, working with Python/JavaScript, and debugging AI responses.

### Creative Content Creation

Learn to create blogs, scripts, lesson plans, and social posts with ChatGPT. Explore storytelling, branding, AI art (DALL-E), games, music, roleplay, and ethical aspects of AI-generated content.

### Advanced ChatGPT Features

Participants explore advanced tools like custom GPTs, file uploads, and plugin use. Topics include persona design, voice input, document embedding, real-time collaboration, and the future direction of GPT capabilities.

## Modules Course Generative AI with ChatGPT

<b>Module 1: Intro to Generative AI</b>	<b>Module 2: Prompt Engineering</b>	<b>Module 3: Applications of ChatGPT</b>
What is Generative AI? History and Evolution of ChatGPT ChatGPT versus Traditional AI GPT Architecture Overview of ChatGPT Use Cases Prompt Engineering Basics Capabilities and Limitations Understanding Model Fine Tuning Tokenization and Context Windows Responsible AI Usage Guidelines	What makes a Good Prompt? Prompt Patterns and Templates Role Prompting and Chain of Thought Controlling Tone and Style Using System Messages Iterative Prompt Refinement Prompting for Structured Output Dynamic Prompt Generation Avoiding Hallucinations Safety and Bias Considerations	Automating Customer Service ChatGPT in HR and Recruitment Business Reports and Analysis Knowledge Management Brainstorming and Idea Generation Process Automation Product Descriptions and Marketing Content Summarization Legal and Compliance Support Integrating in Business Workflows
<b>Module 4: ChatGPT for Developers</b>	<b>Module 5: Creative Content Creation</b>	<b>Module 6: Advanced ChatGPT Features</b>
API Basics and Authentication Building Simple ChatGPT App Integrating Third Party Tools Function Calling and Tool Usage Data Pipelines and ChatGPT Programmatic Response Handling Webhooks and Automation ChatGPT with Python/JavaScript Testing and Documentation Debugging AI Interactions	Writing Blogs and Articles Script Writing and Storytelling Personal Branding with AI Image Generation with DALL·E Lesson Plans and Tutorials Generating Poems and Music Roleplay and Simulations Educational Games with ChatGPT Memes and Social Media Content Ethics in Creative AI work	Creating Custom GPTs Uploading Files Using Advanced Tools Persona development Embedding Documents Plugins and Extensions Voice and Multimodal Input Real Time Collaboration Building AI agents Future Roadmap of GPT