



Prompt Engineering Course

Get dramatically better results from AI — every single time.

Certificate Course | A08

Duration: 24 hours

Level: Beginner



AMSTERDAM
DATA ACADEMY

WHAT YOU'LL LEARN

- Design advanced prompts using chain-of-thought and few-shot techniques
- Apply prompt engineering to ChatGPT, Claude, and Microsoft Copilot
- Build reusable prompt templates for real business use cases
- Test and refine prompts systematically for consistent output quality
- Avoid common pitfalls: hallucinations, vague outputs, and prompt injection
- Create a personal prompt library for your role and workflows



COURSE CONTENT

Module 1 — How LLMs Work

- ChatGPT, Claude, Gemini: strengths and differences
- Why prompting matters: the same question, different results

Module 2 — Core Prompting Techniques

- Zero-shot, few-shot, and chain-of-thought prompting
- Prompt templates and reusable prompt libraries

Module 3 — Advanced Strategies

- Prompt chaining for complex multi-step tasks
- Avoiding hallucinations and improving reliability



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AFTER THIS COURSE

You'll work with AI tools at a fundamentally higher level — producing better outputs, faster, with less frustration. No technical background required.

OFFICIAL CERTIFICATE

This course leads to an official ADA certificate at NLQF level 6, the nationally recognised qualification framework equivalent to a bachelor's degree. Your certificate proves a verified, professional level of knowledge and skills — valued by employers across the Netherlands.

Ready for your next step?

Book a free study-advice call

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