

AI Professional Bootcamp

Master the AI essentials and apply them hands-on: two stacked bootcamps in one programme.

Bootcamp | B09
Level: Advanced
Study load: 216 hours
Certificate of Completion

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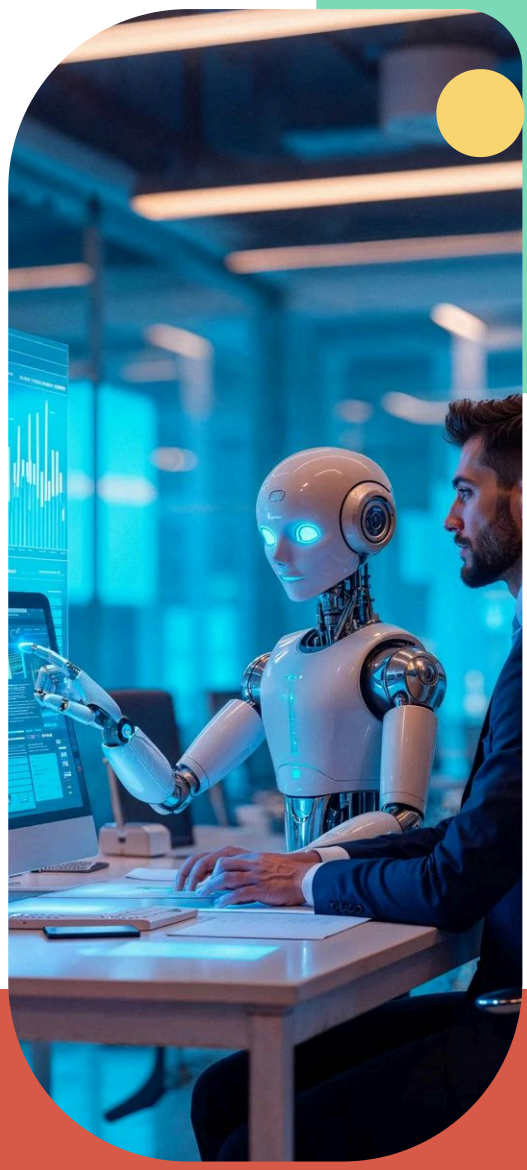
WHAT YOU'LL LEARN

- Steer AI responsibly: the EU AI Act, governance and impact assessments.
- Set AI strategy and build a roadmap for your organisation.
- Work with AI assistants and prompt engineering in daily practice.
- Build autonomous AI agents with n8n and Claude.
- Apply low-code building: Vibe Coding with Lovable and RAG.



TARGET AUDIENCE

Who is this for
Professionals who lead AI and also want to apply and build it hands-on.

Prerequisites
A professional role with some influence over AI adoption or strategy in your organisation. Experience using LLM APIs. Some technical curiosity is helpful.

Roles after
AI Lead · AI Specialist · AI Champion

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CURRICULUM

A03: AI Essentials Course
The foundation course for every AI professional: understand AI, generative AI and prompting.

A08: Prompt Engineering Course
Get dramatically better results from AI, every single time.

A31: Working with AI (Copilot) Course
Get productive with AI copilots in your daily work.

A28: AI Impact & Strategy Course
Design a future-proof AI strategy and assess its impact, from roadmap to FRIA/IAMA.

A50: Final Assignment: AI Essentials
Capstone: apply everything you've learned to a real AI strategy case.

A29: Vibe Coding with Lovable Course
Build working apps with AI, no coding experience required.

A02: Building AI Agents Course
Automate complex workflows with AI, no deep coding required.

A26: Retrieval-Augmented Generation (RAG) Course
Build AI that answers from your own knowledge base, accurately.

A24: AI Literacy & Ethics Course
Understand AI deeply enough to lead, and question, it.

A54: Final Assignment: Applied AI
Capstone: apply AI agents, vibe coding and RAG to a real, practical AI project.

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ASSESSMENT FRAMEWORK

- Assessment is competency-driven and rubric-based (NLQF level 6), with an independent examiner for every module.
- What you'll be assessed on:
  - A50: Final Assignment: AI Essentials
  - A54: Final Assignment: Applied AI
- Full method, rubrics and resit procedure: amsterdamdataacademy.com/examination-regulations



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AFTER THIS BOOTCAMP

You'll go from AI beginner to confident AI practitioner: able to lead AI adoption in your organisation and build AI agents, vibe-coded applications and RAG solutions yourself, without a heavy coding background.

OFFICIAL CERTIFICATE

After completing the AI Professional Bootcamp you receive an official ADA Certificate of Completion. This bootcamp is part of ADA's programme at NLQF Level 6, comparable to bachelor level, and is valued by employers across the Netherlands.

Ready for your next step?
Book a free study-advice call
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