

Building AI Agents with LangChain Course

Build production LLM applications, from chains to RAG pipelines and agents.

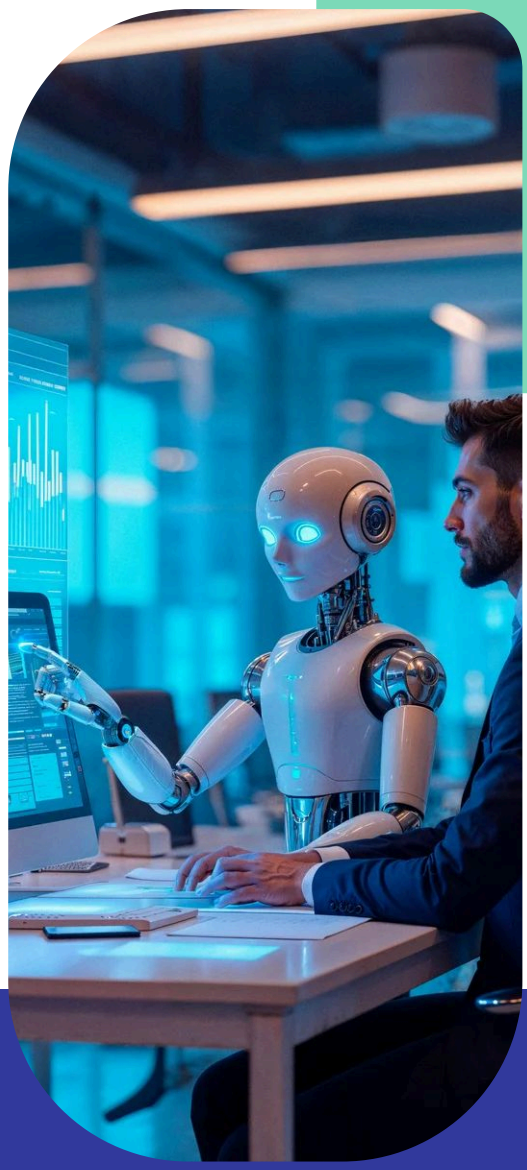
Certificate Course | A27
Duration: 24 hours
Level: Advanced

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WHAT YOU'LL LEARN

- Set up and configure LangChain with OpenAI and open-source LLMs.
- Build AI apps like interview assistants, travel guides, and blog generators.
- Use PromptTemplates, Chains, memory, and chat history to create structured and dynamic interactions.
- Design multi-step logic flows that integrate various tools and models.



COURSE CONTENT

Module 1: Foundations of LangChain & Generative AI
Understanding generative AI and LLMs, setting up your environment, and building your first LangChain application (incl. Streamlit).

Module 2: Designing Smart Apps with LangChain
Creating and improving prompts, building chains for smart workflows, and handling conversation history.

Module 3: Final Assignment
Build a personalised AI career coach with LangChain.

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OFFICIAL CERTIFICATE

> This course leads to an official ADA certificate at NLQF Level 6, comparable to bachelor level. Your certificate proves a verified, professional level of knowledge and skills, valued by employers across the Netherlands.

Ready for your next step?
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