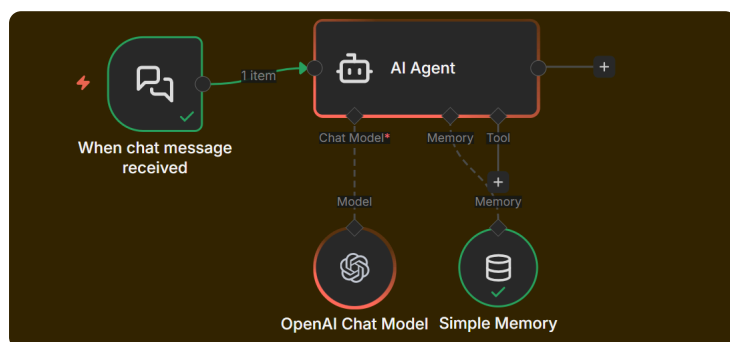


The tool we take as our starting point for the learning assistant.
What it is, what it can do and what it changes in the classroom.

GUIDING IDEA From answer machine to maker machine

01 What n8n is and what it can do



A simple workflow we built ourselves. A message from a learner starts it on the left, the agent in the middle decides what to do, the language model and the memory hang below it and can be exchanged at any time.

n8n is an open canvas on which you place small blocks, called nodes, and connect them with lines. Every node does one thing, and the data travels from block to block until a result comes out at the end.

A workflow can start with a message, with a file that arrives, at a fixed time or with a single click. Along the way it can read and write files, search a database, send mail, fetch a website and ask an AI model. It can look things up in our own course material first, so the answer comes from our texts and not from the open internet. You can run the whole thing step by step and open every block while it works.

CAN DO

Answer from our own material

A chat that searches the course texts we feed it and says where the answer comes from.

CAN DO

Talk to the systems we use

Mail, files, forms, calendars, databases and more than 350 other services.

CAN DO

Take over the repetitive parts

Collect, sort, rename, translate, summarise, always the same way and on time.

CAN DO

Show its own work

Every block can be opened, tested and corrected while the workflow runs.

02 Why it fits this project

Built in Europe

Developed in Berlin since 2019, company based in Germany, with solid funding behind it.

On our own server

We host it ourselves and can say where every piece of data goes. GDPR and the EU AI Act are our task.

Free for school and home

The source code is public and free for teaching. Learners can install it on their own computer as well.

Easy to pass on

Every workflow is a small file. That carries our open material under CC BY 4.0.

03 The heart of it, unmasking the AI

Most AI tools show a text field and an answer, and everything in between stays invisible. In n8n the process lies open on the table. Teachers see what the machine actually does, learners see which prompt was sent, which model replied and which source was used. Consuming answers becomes building the machine that produces them.

STAGE 1

Prompting

Asking well and judging what comes back

STAGE 2

Prompt engineering

Working with roles, context and structure on purpose

STAGE 3

Your own assistant

A small workflow the group has built and can explain

PLEASE KEEP IN MIND

n8n is our starting point and not a final decision. What matters is the direction, learners building with AI instead of ordering from it.