



BASICS RESEARCH OF AGENTIC AI, LLMS, AND GENERATIVE AI

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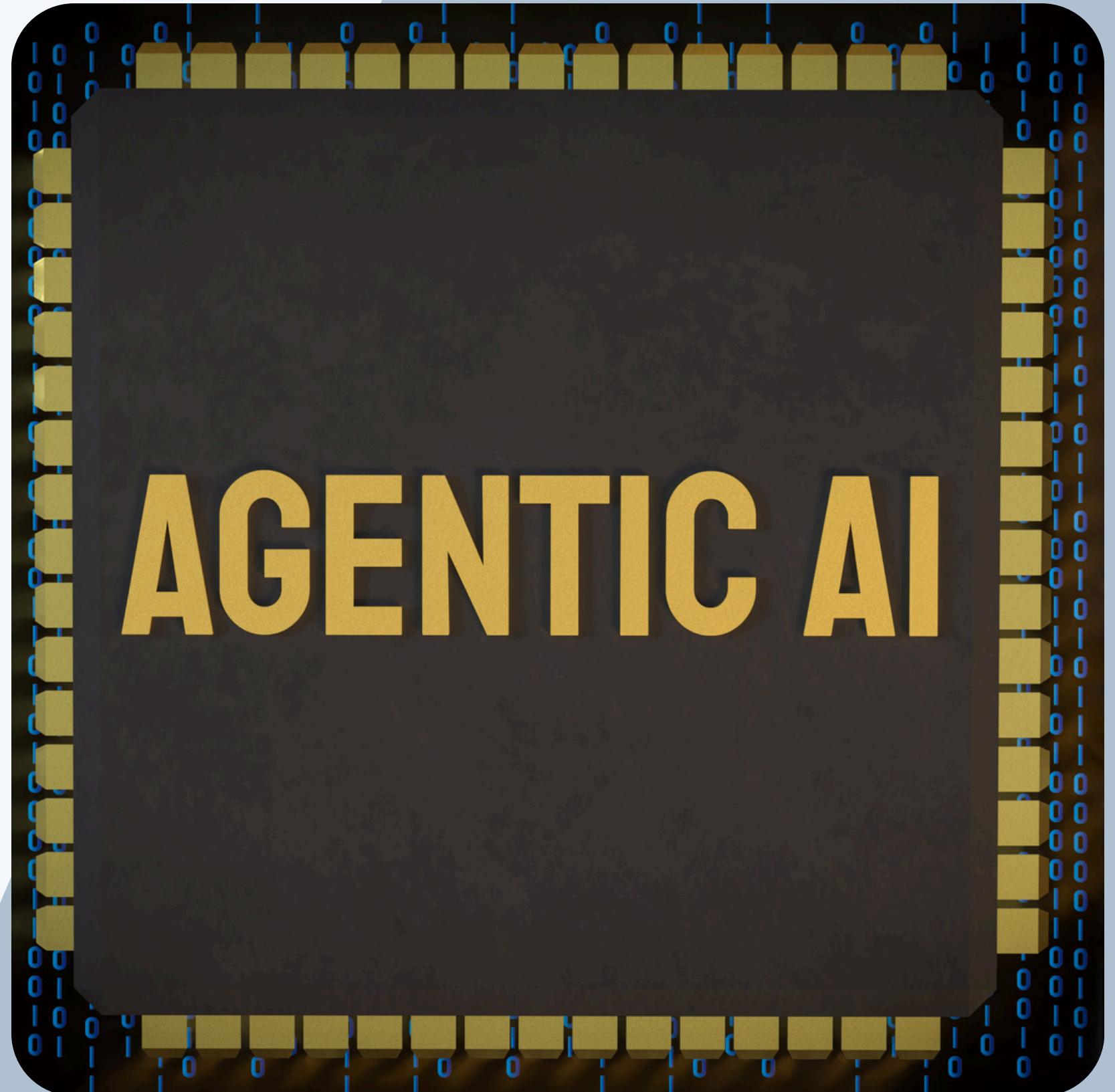
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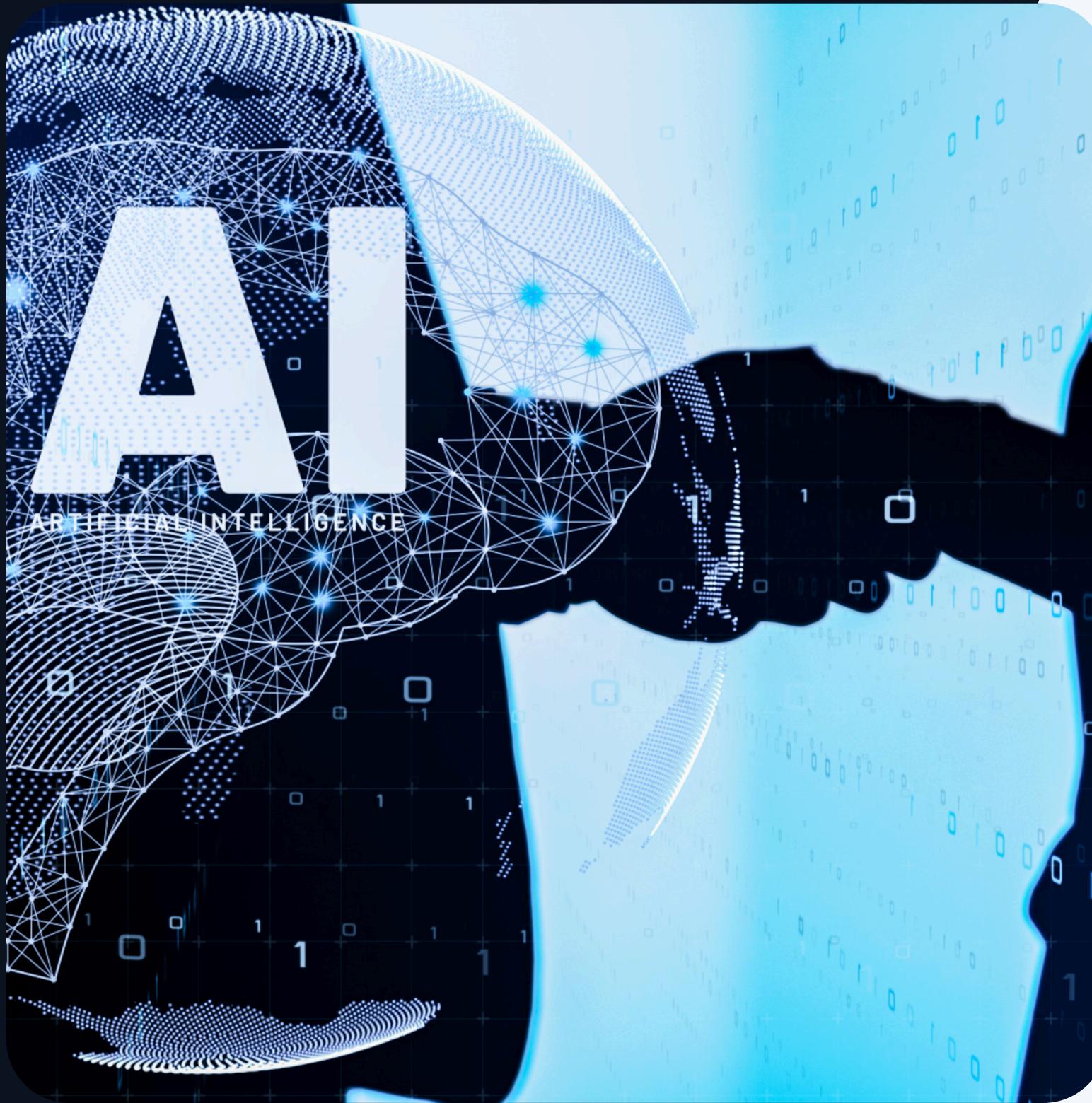
What is Agentic AI ?

Agentic AI is a type of AI that can think, plan, and do tasks by itself. It doesn't just answer questions. It can make decisions and take action like a helper or assistant.

Simple Example:

- An AI assistant that plans your week, books your tickets, and sets your meetings without asking you every time.





Main points

- Works on its own
- Sets goals
- Makes smart choices
- Learns from past tasks

What is LLM and how does it work?

LLM means Large Language Model. It is a kind of AI that learns from a lot of text. It understands how we speak and write.

- It reads a lot of data (books, websites, etc.)
- It learns patterns in language
- It can guess the next word in a sentence
- It is trained using deep learning (like GPT models)



What is Generative AI ? What is the difference between Generative and Agentic AI ?

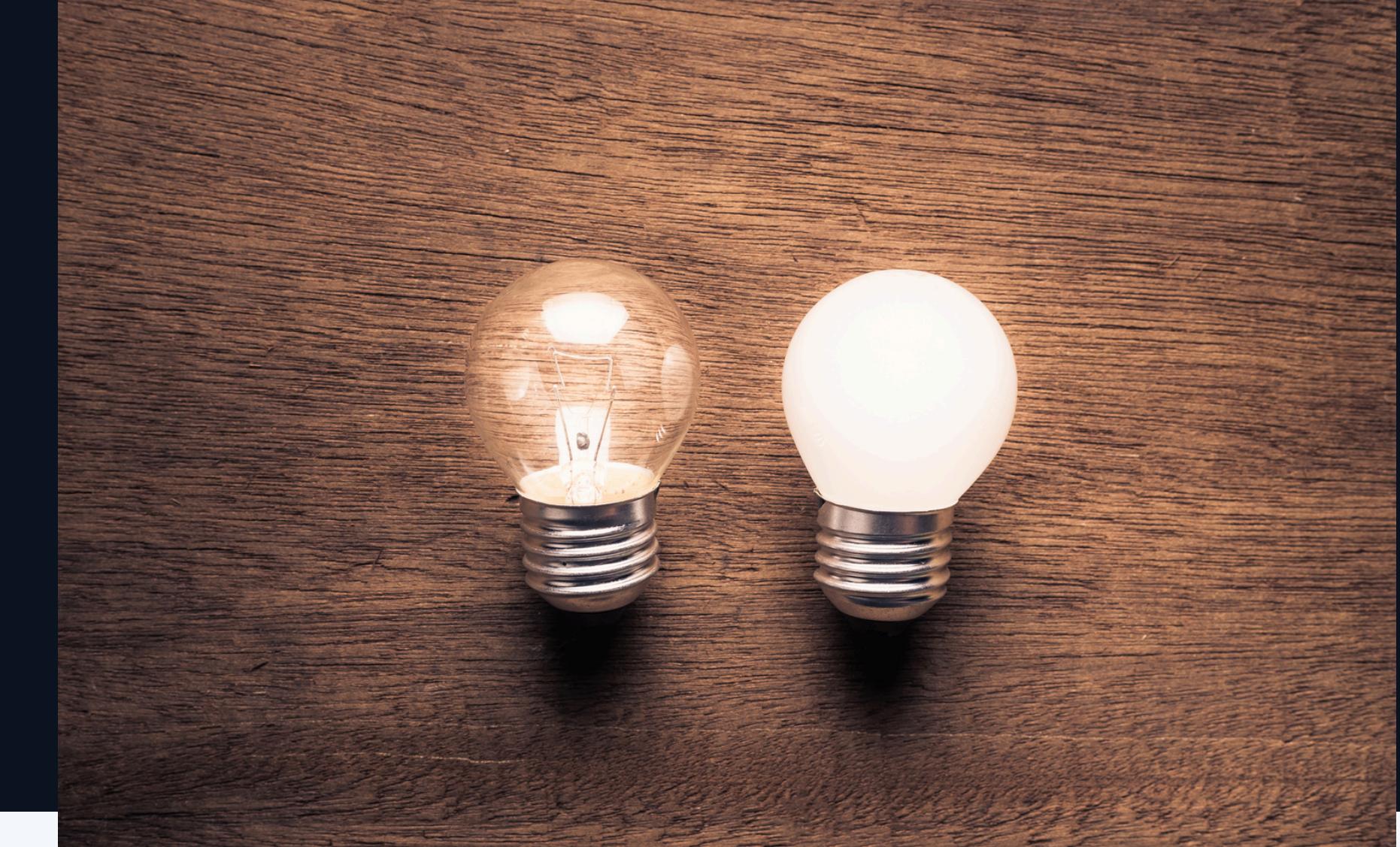
Generative AI is AI that can create new things — like text, pictures, code, or music.

- ChatGPT – writes text
- DALL·E – makes images
- GitHub Copilot – helps write code

DIFFERENCE BETWEEN

Agentic AI is a type of artificial intelligence that can plan and complete tasks by itself. It works like a smart assistant that doesn't just answer your questions — it thinks, makes decisions, and takes actions. Agentic AI can work mostly on its own, without needing you to guide it step by step. Tools like AutoGPT and Devin are examples of Agentic AI. They can understand what needs to be done and do it, just like a human helper.

Generative AI, on the other hand, is focused on creating content such as text, images, music, or code. It cannot work by itself — it needs a prompt or input from the user to start working. Once you give it an idea or command, it creates something new based on that. Examples of Generative AI include ChatGPT, which writes text, and DALL·E, which makes pictures. Unlike Agentic AI, Generative AI does not plan or take steps on its own — it only responds to your input.



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OPENAI AGENT SDK

OpenAI Agent SDK is a toolkit made by OpenAI that helps developers create their own agentic AI apps. This SDK lets developers build AI agents that can think, plan, and take actions using tools, APIs, and memory. With this SDK, you can make AI that can search the internet, read files, send messages, or even use software — just like a smart assistant. It is connected with powerful models like GPT-4 and supports real-world tasks.

The Agent SDK is like a toolbox that helps you build your own intelligent AI assistant that doesn't just reply — it actually does work for you.



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