

→ Course Introduction.

Module-1 : AI foundations.

Module-2 : Agentic AI frameworks → langchain
DB
RAG
langgraph

Module-3 : Advanced things on
RAG | langchain | langgraph. . . .

Module-4 : n8n | Microsoft Autogen | CrewAI | ADK
MCP | Containerization | AWS | . . .

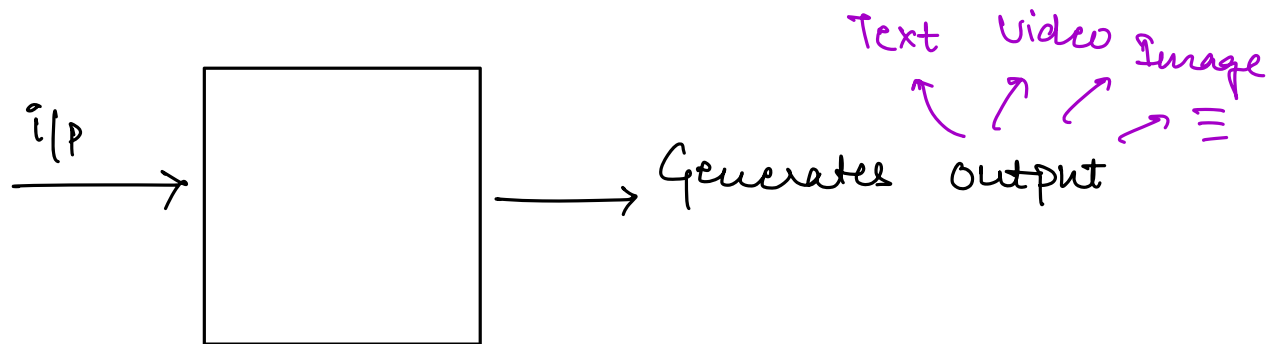
Module-5 : Capstone Project.

Each session { Pre-Reads.
Notes
Assignments.

Agenda.

- Generative AI
- LLM (Large Language Models)
- AI Agents
- Agentic AI
- RAG (Retrieval Augmented Generation)
- Vector DB | stores.
- MCP.

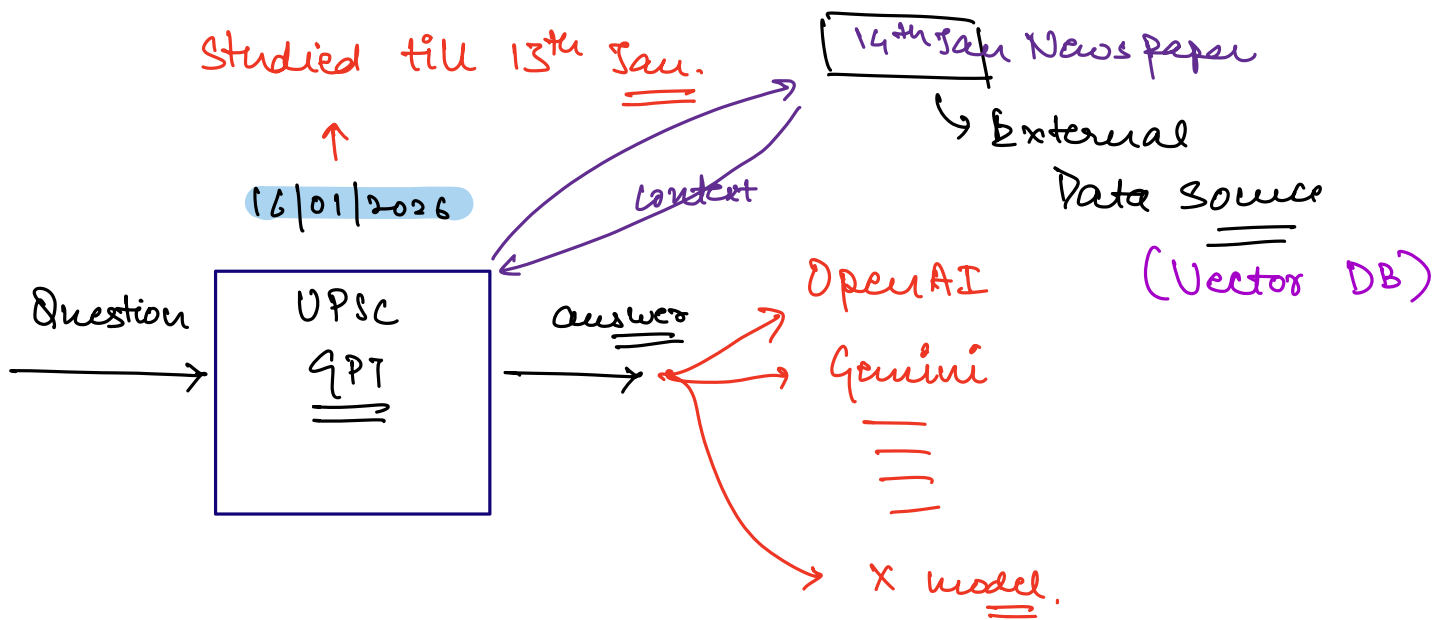
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LLMs are trained on huge amount of data.

⇒ UPSC student.
↳ u 10 subjects

→ 1000's of Book | Articles | newspapers | . . .

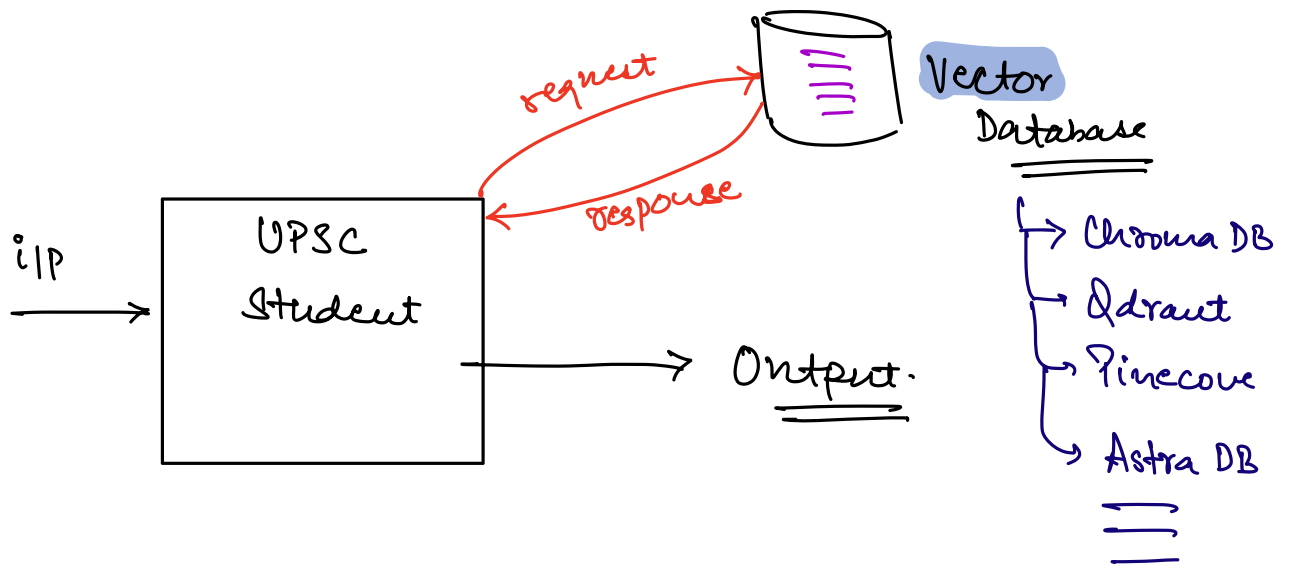


LLM Hallucination

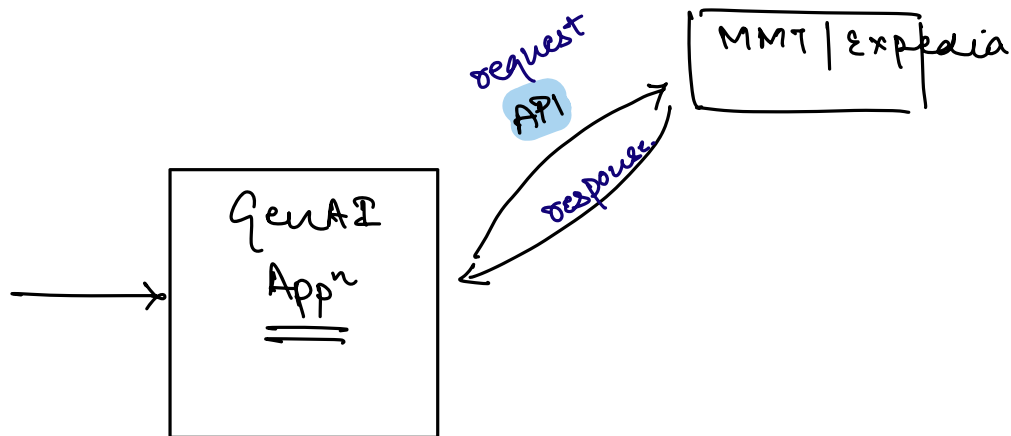
LLM Finetuning.
→ Expensive.

GPT | Gemini
→ Searching on web.

RAQ. (Retrieval Augmented Generation)

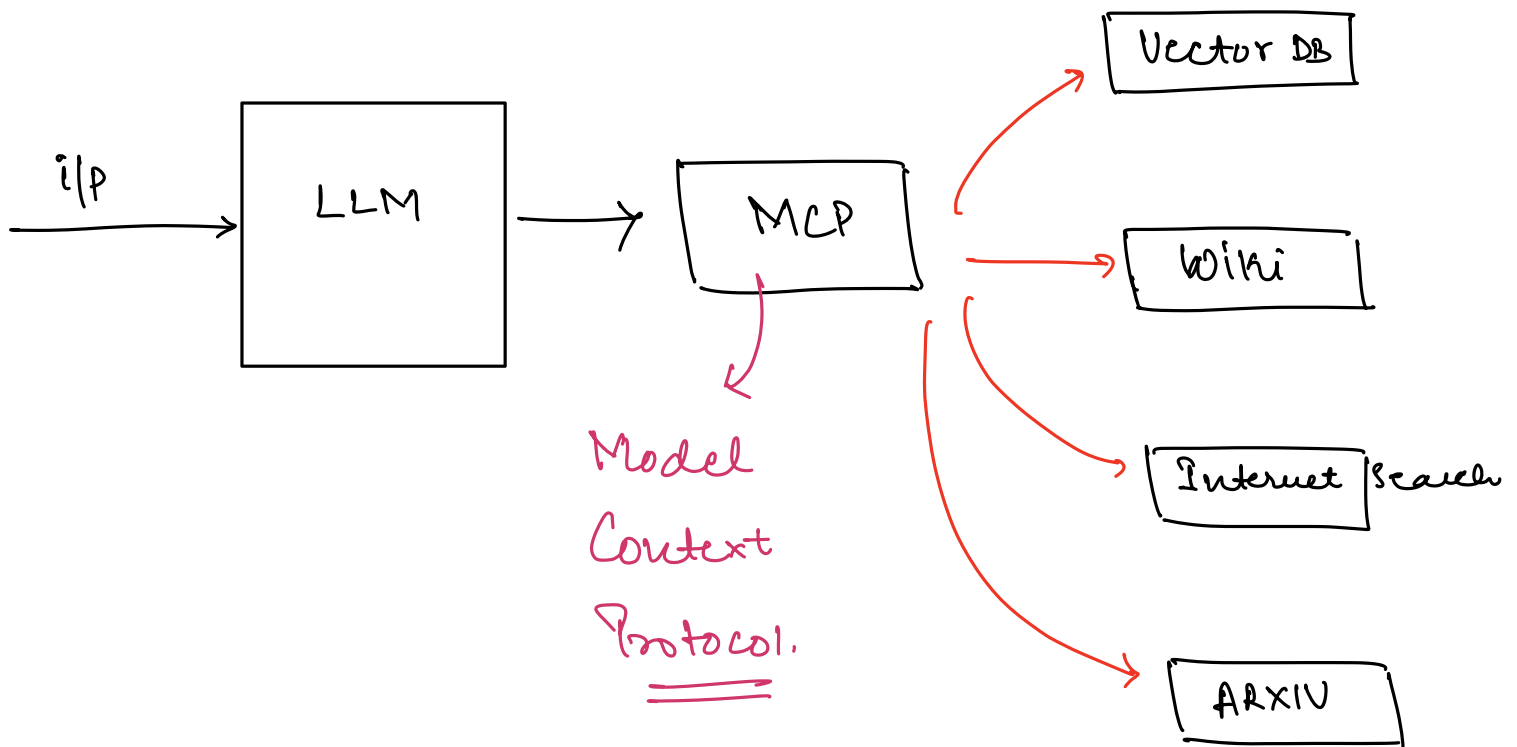
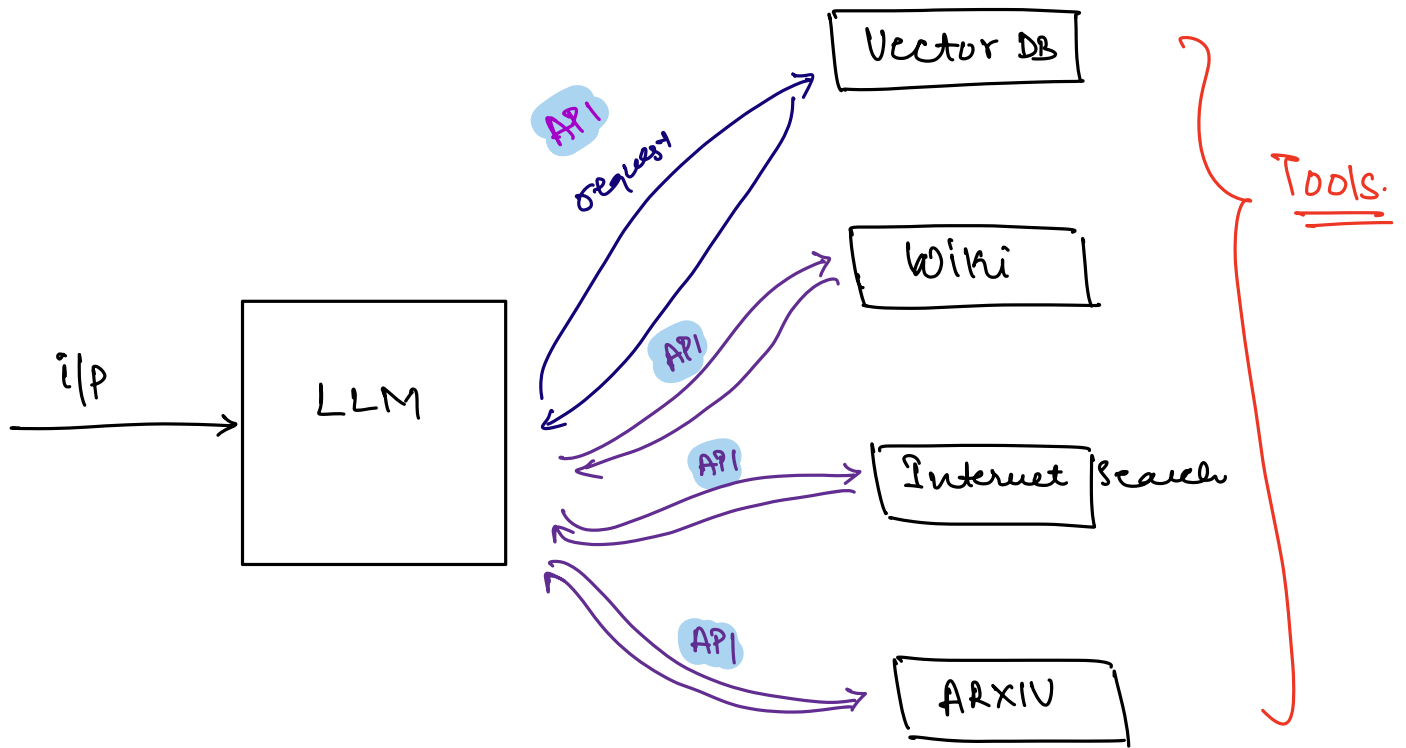


Tool Calling.

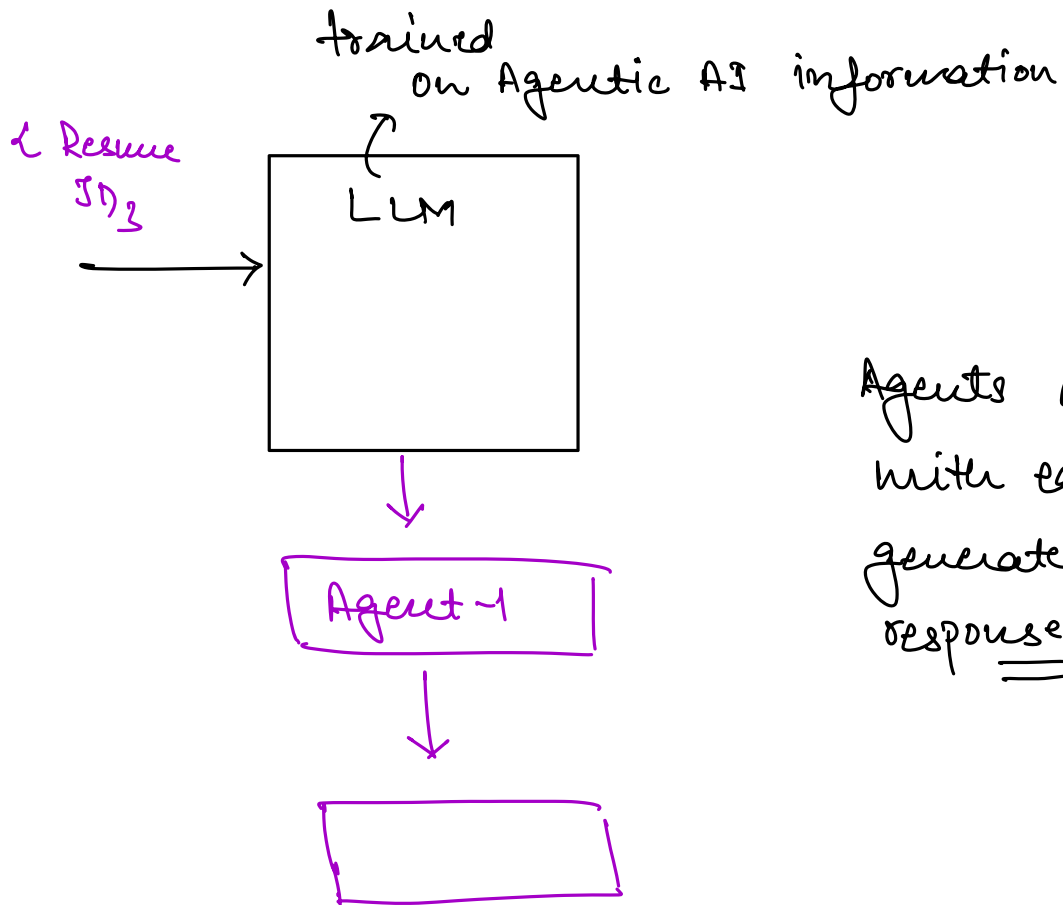


AI Agent.

Agentic AI



Agentic AI Interview Platform.



Agents collaborate with each other to generate the final response.