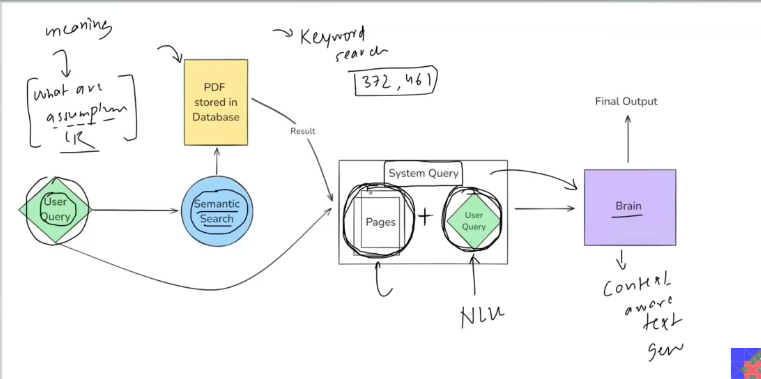


Consider it as the application which uses the chatbot wth pdfs.

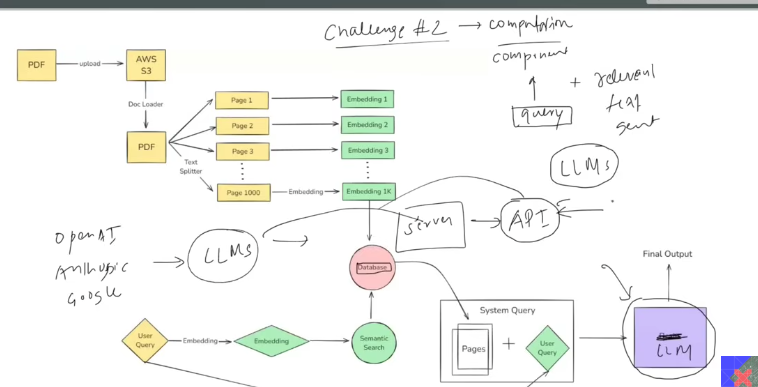
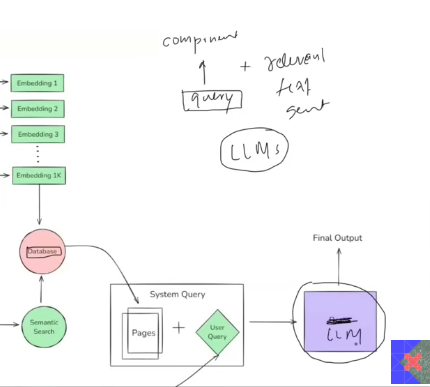
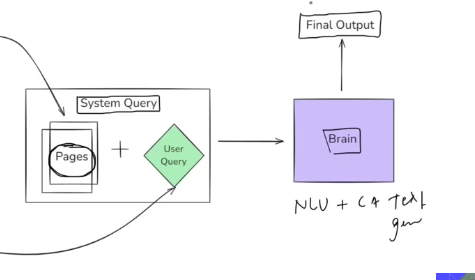
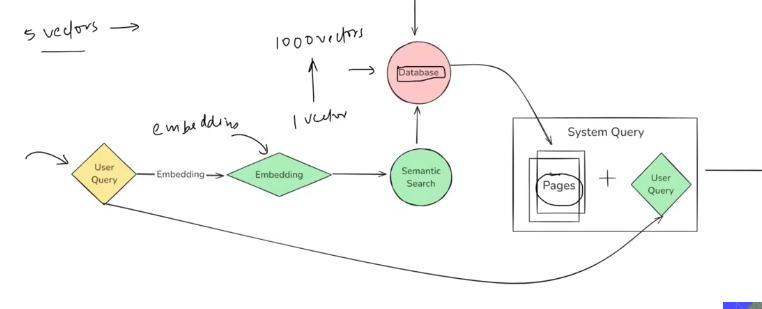
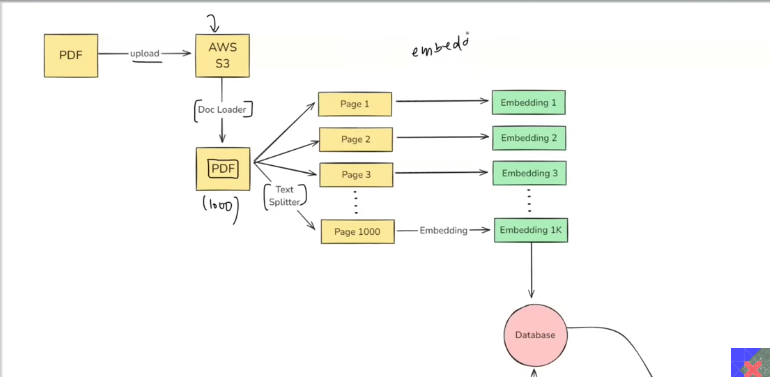
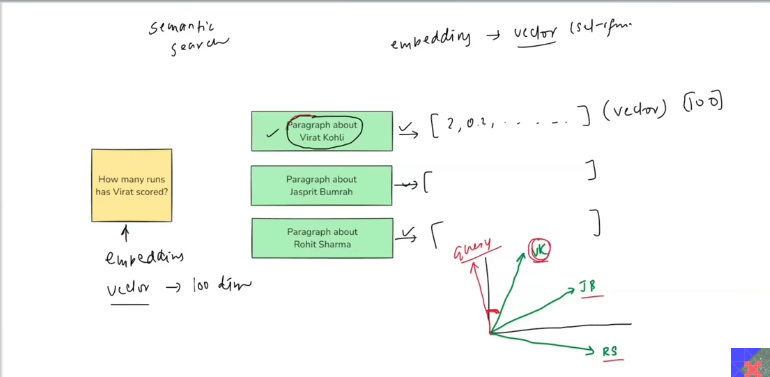


Keyword search:

Semantic search:

Brain   
1. Understand the context the user is asking.

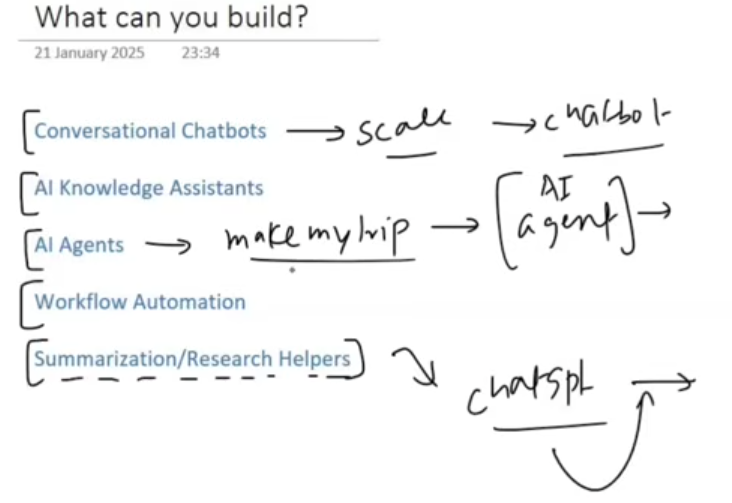
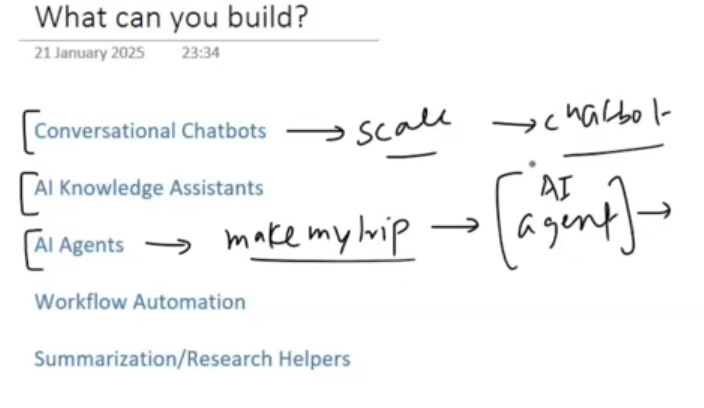
2. Based on the question asked, go to the document and based on that answer the question.



What is the number of moving component:

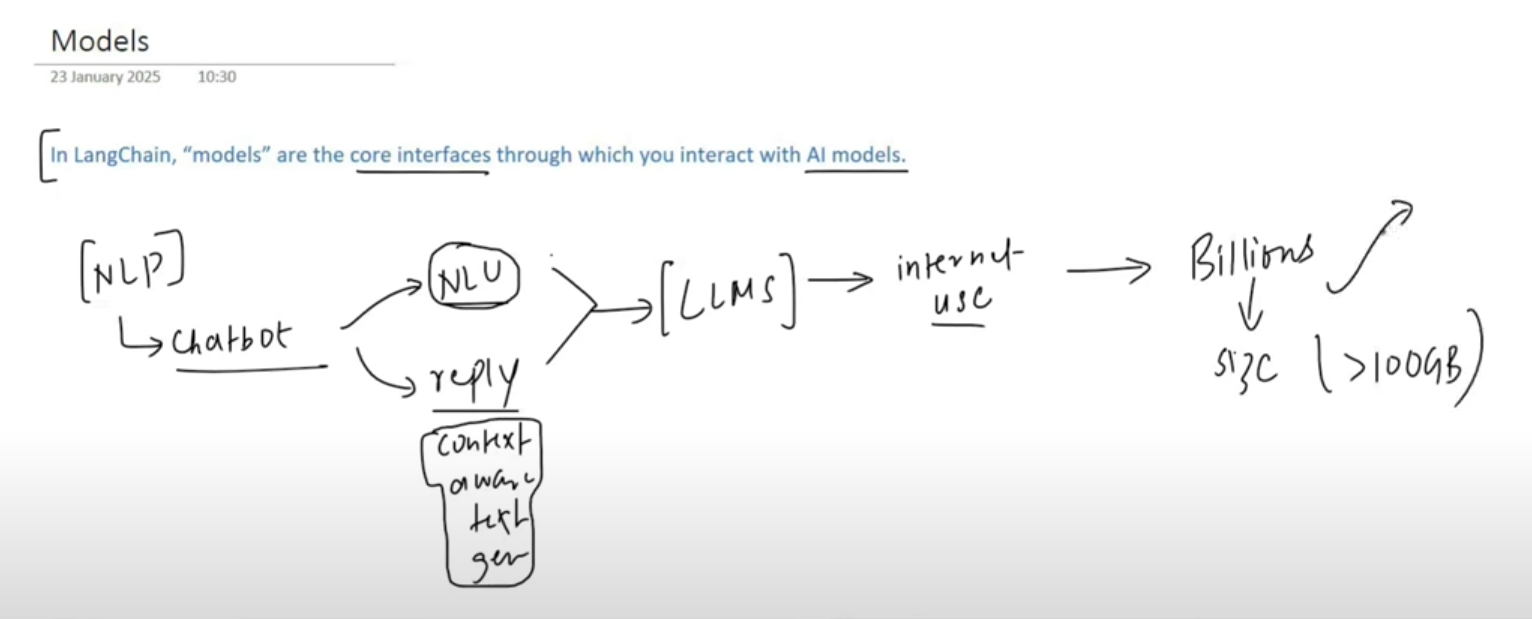
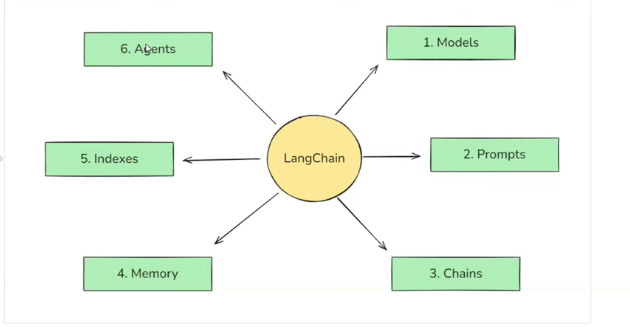
1. AWS S3
2. TEXT SPLITTER
3. EMBEDDING - MODEL
4. DATABASE – TO STORE THE EMBEDDING.
5. LLM

The boiler plate codes are removed using langchain library.



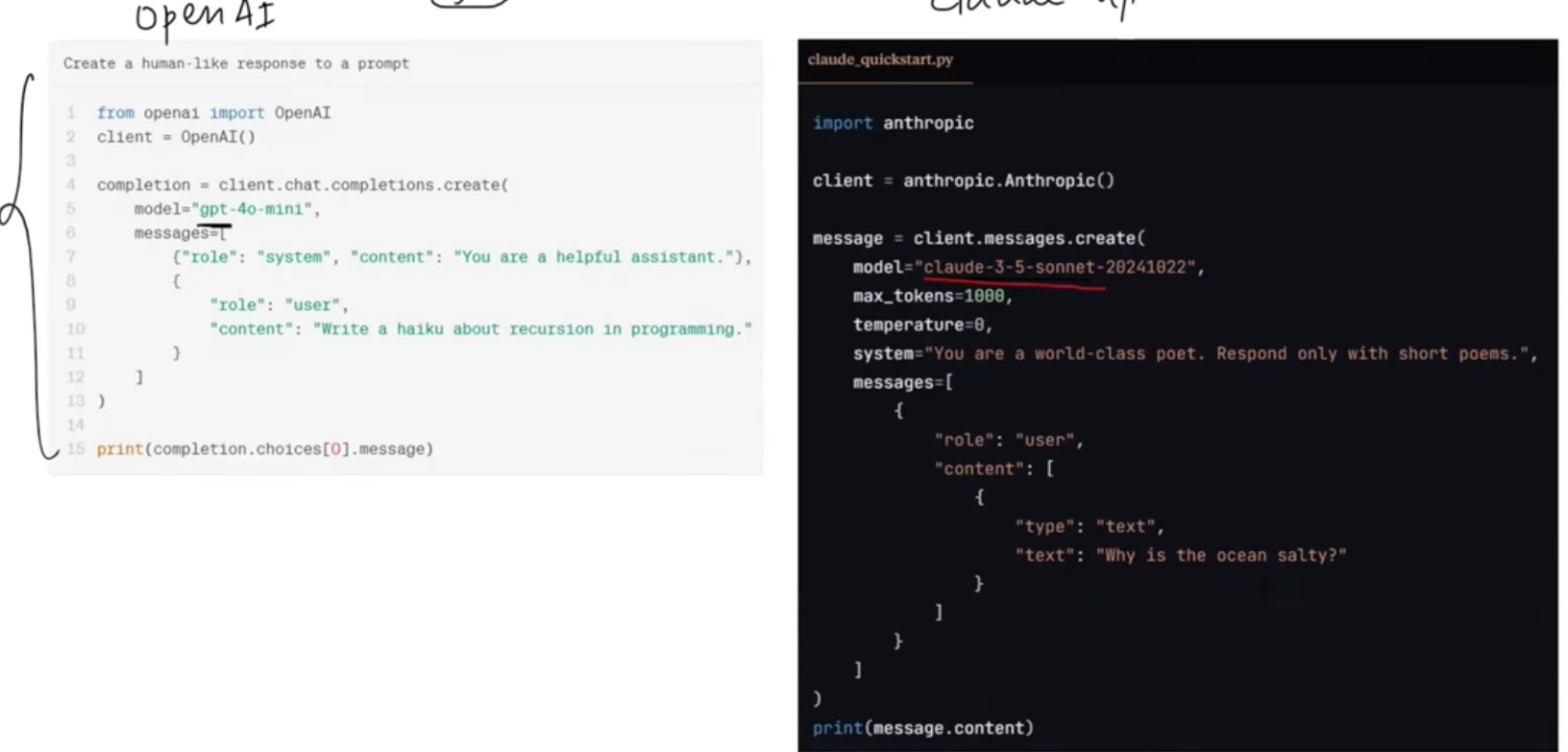
Chain: Output from the one can be given as input to the other function.

**Components in Langchain**

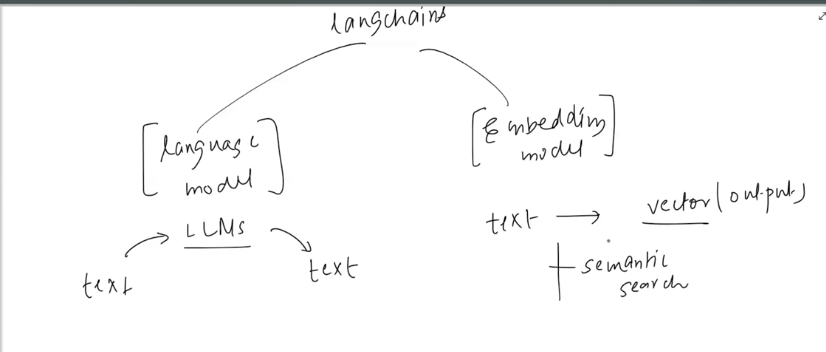
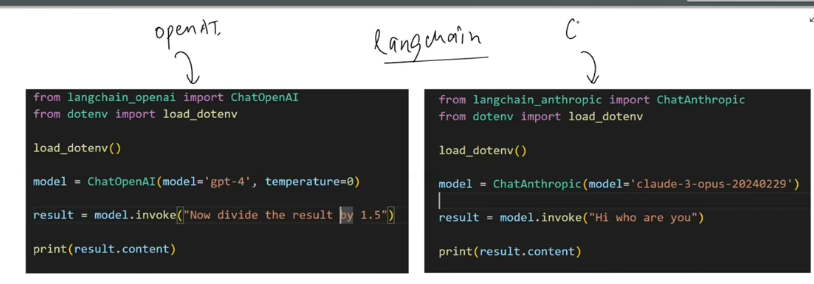


Llms are too huge to fit into the laptop , cannot make the moeny to deploy in the cloud, hnec we are going to use the apis to llms. Based on the api call usage , you need to make the payments.

No general output.



But need the general way to communicate. Hence we use the langchain.



Langchain – documentation - chat models - llms

