

→ Chat GPT → Development

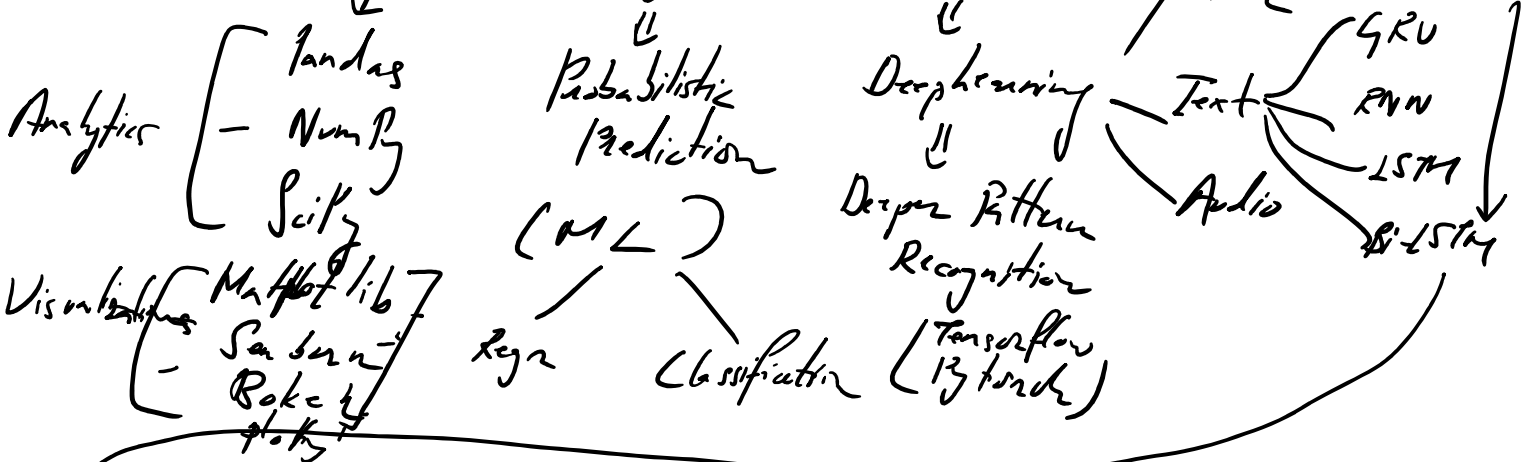
Facebook (Meta), Anthropic, Mistral

Llama — Claude Sonnet

Large Language Models

⇒ Data ⇒ Information ⇒ Knowledge ← Condensed form
 ⇒ Corpus ~ Large Body of Text

⇒ Python ⇒ Analytics ⇒ Predictive Analytics ⇒ Non-parametric Approach



Training Speeds
 Accuracy
 Effectiveness } Transformer (2019) (Attention is all you need) (Bler)

BERT
 RoBERTa (Meta)
 DistilNet

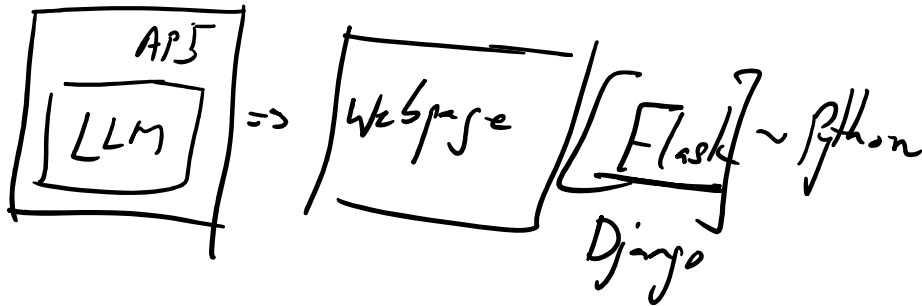
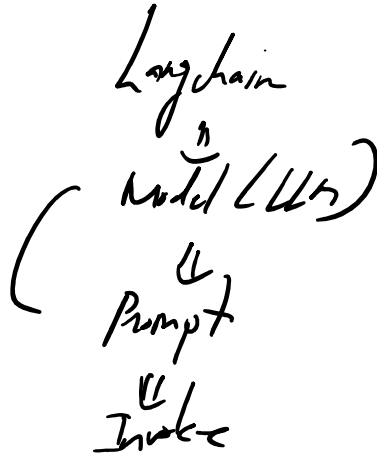
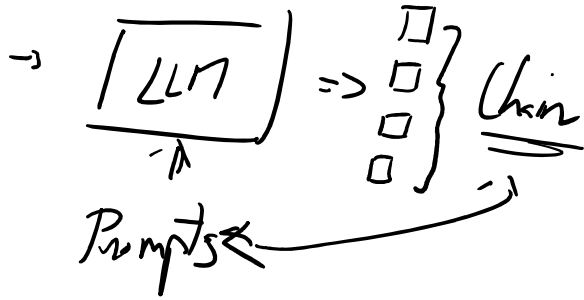
⇒ open AI (Wikipedia) 6 Billion Token Language Model
 (6000000000)

[6 0 0 0 0 0 0 0 0 0]

~~Chat~~ GPT 1.0

→ llama ~ Interact

⇒ Prompt Engineering

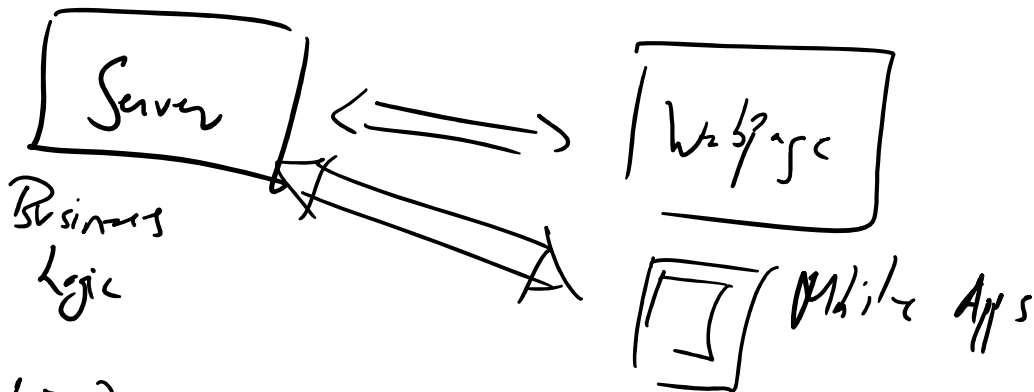


⇒ CRUD

[Get, Post, Put, Delete]

Fastapi

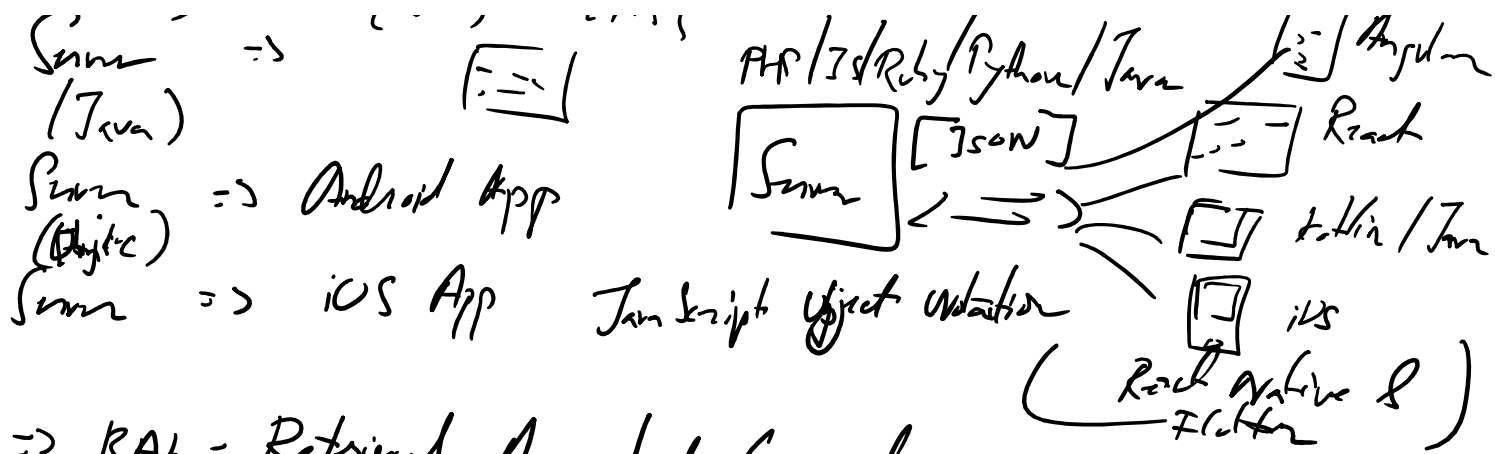
REST API



(JS)
Server

(JS) HTML/CSS
Frontend

PHP/JS/Python/Java
Backend

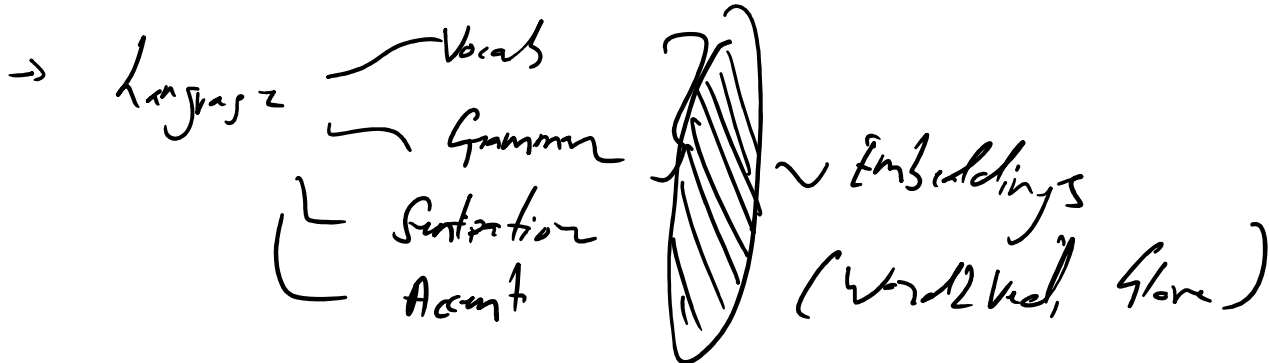


\Rightarrow RAG - Retrieval Augmented Generation

\Rightarrow Retrieval Chain

\Rightarrow Vectorstore (Database)

FAISS, ObjectBox, Pinecone



RAG Based System:

