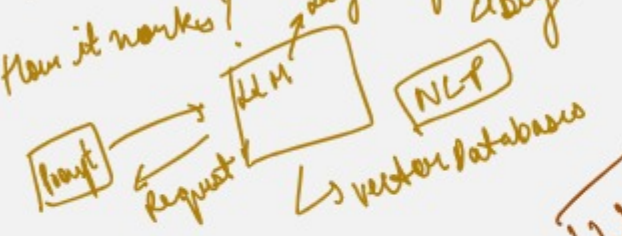


Gen AI  
↳ generative Artificial Intelligence  
↳ chatgpt, github co-pilot  
↳ text, code, image, video, music, avatars, summarization, translation, flowchart

2) Gen AI history  
↳ 1960's, Turing  
↳ natural language processing  
↳ human language  
↳ German, English, Hindi  
How it works?  
↳ large language models  
↳ big data



Prompt

↳ text, image, code, music, PDF, document, website, video

Result

↳ music, text, video, audio, code.

↳ learn LLM  
↳ NLP  
↳ python  
↳ big data.

1

Prompt -> Instruction

Input (output)  
Text to Text  
↳ chatgpt (openAI)  
↳ claude 2.0  
↳ google gemini  
↳ cohere

Input (output)  
Audio to Text  
↳ whisper (openAI)  
↳ Assembly 3  
↳ google speech

Input (output)  
Text to video  
↳ Runway gen-2  
↳ pika labs  
↳ deepbrain AI studios

Image generation  
↳ google gemini  
↳ dalle-3 (openAI)  
↳ stable diffusion

Code generation  
Text to code  
↳ github co-pilot  
↳ tabnine  
↳ codeium  
↳ chatgpt

Text to Music  
↳ suno AI  
↳ soundraw  
↳ boomly

2) Integrate in web App  
↳ google gemini in Integrate (API)  
↳ Langchain & chatbox  
↳ RAG & document, pdf analysis

