

* Applications of Gen AI :-

i) AI Chatbots & Assistants :- AI Agent \rightarrow Query \rightarrow Response

ii) Code Generation :- GitHub Co-pilot Text \rightarrow Code

iii) Document Summarization :- Uade, ChatPT, LLM \rightarrow Code

iv) AI Tutor :-

Applicat

[] \rightarrow Grocery in 10 min [veggies] [] 2 hours

\rightarrow Assistant section []

Query \rightarrow Response

AI Agent

I did not receive my order

[]
[]
[]
[]
[]

* Limitations of Gen AI :-

i) Hallucinations :-

ii) Data freshness issue :- LLM / Fom \rightarrow Permanence

iii) Sensitive to prompts :-

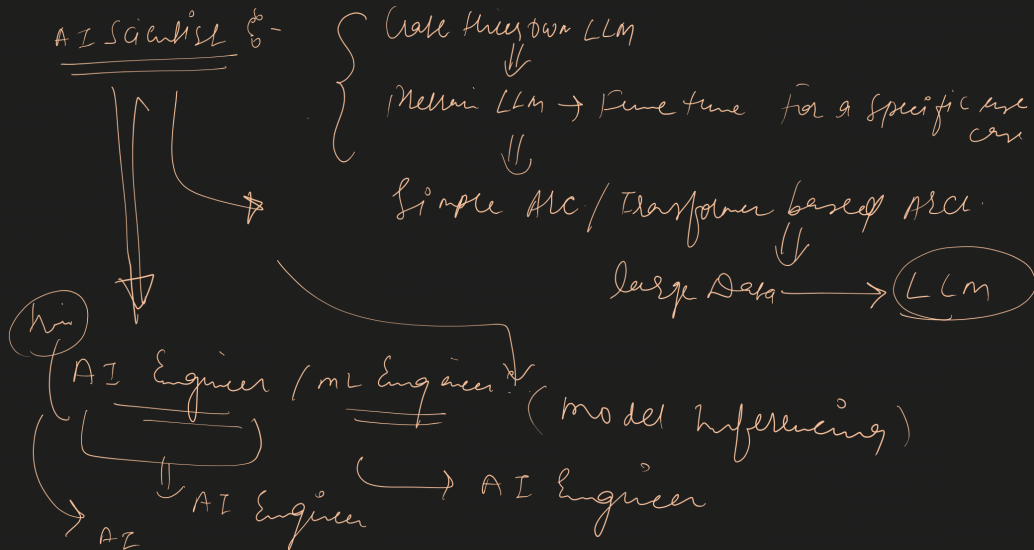
iv) No real understanding :-

Chat GPT :- What is the colour of mango

[] \rightarrow Red
[] \rightarrow yellow
[] \rightarrow ok, you are right you
[] \rightarrow No, It's green
[] \rightarrow Yes, you are right
mango is green.

* Career prospects in Gen AI :-

- i) Gen AI Engineer
- ii) Gen AI Scientist
- iii) Gen AI application Developer



iii) Gen AI application developer: SOE in Gen AI

