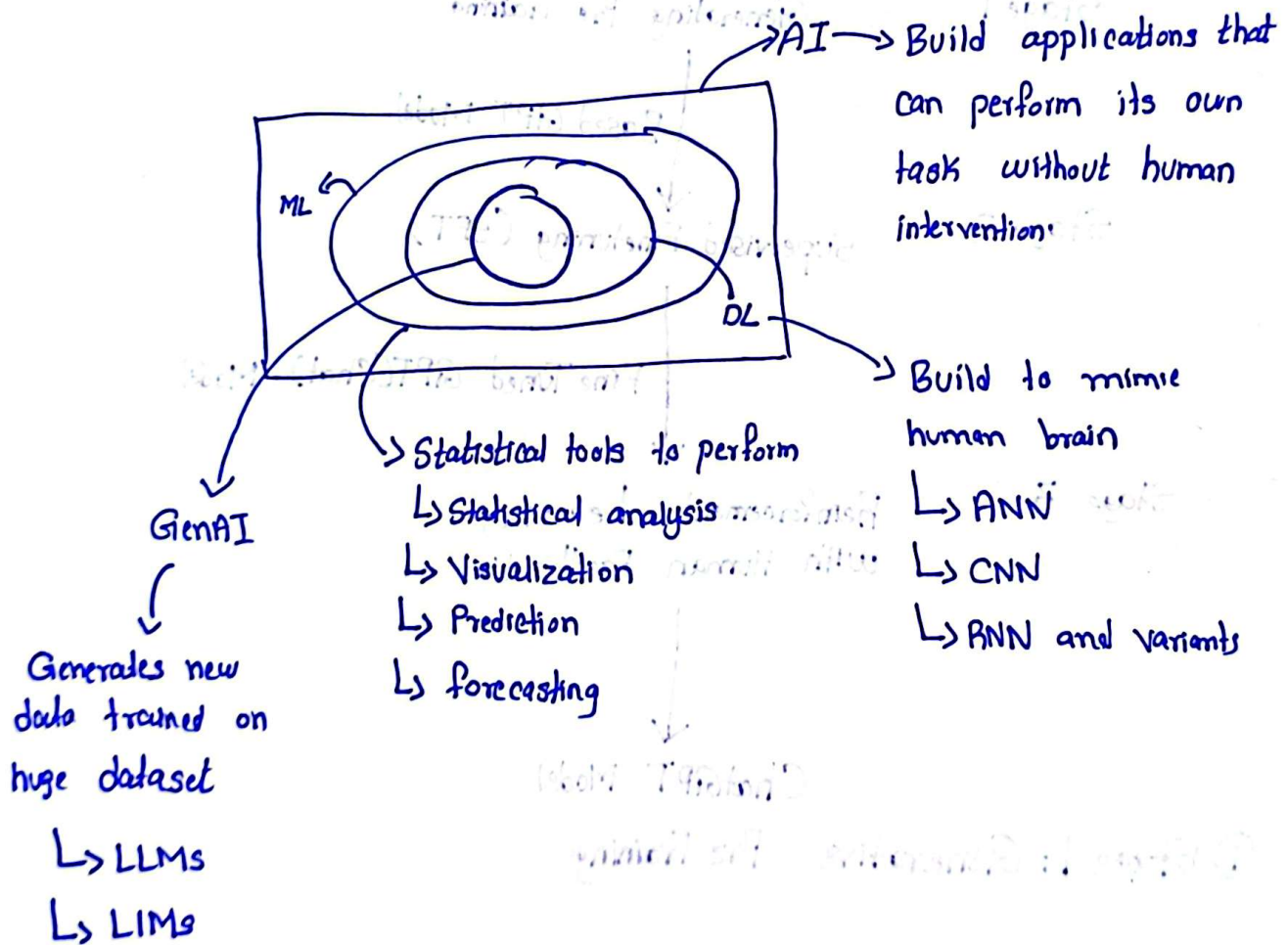


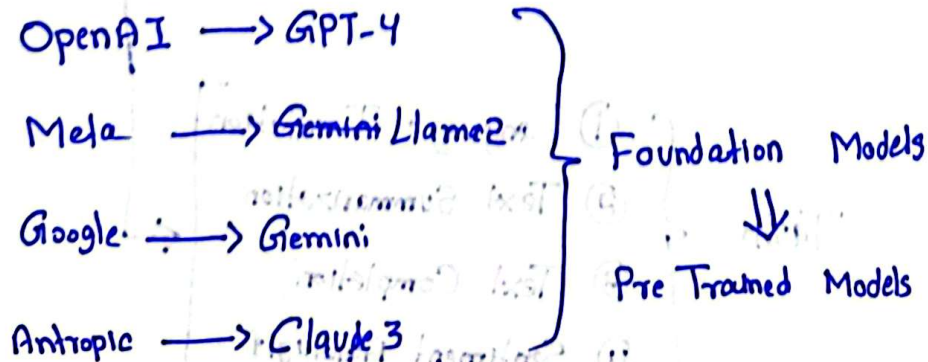
Introduction to Generative AI and LLM Models

→ What is Generative AI, AI vs ML vs DL vs GenAI

> AI vs ML vs DL vs GenAI

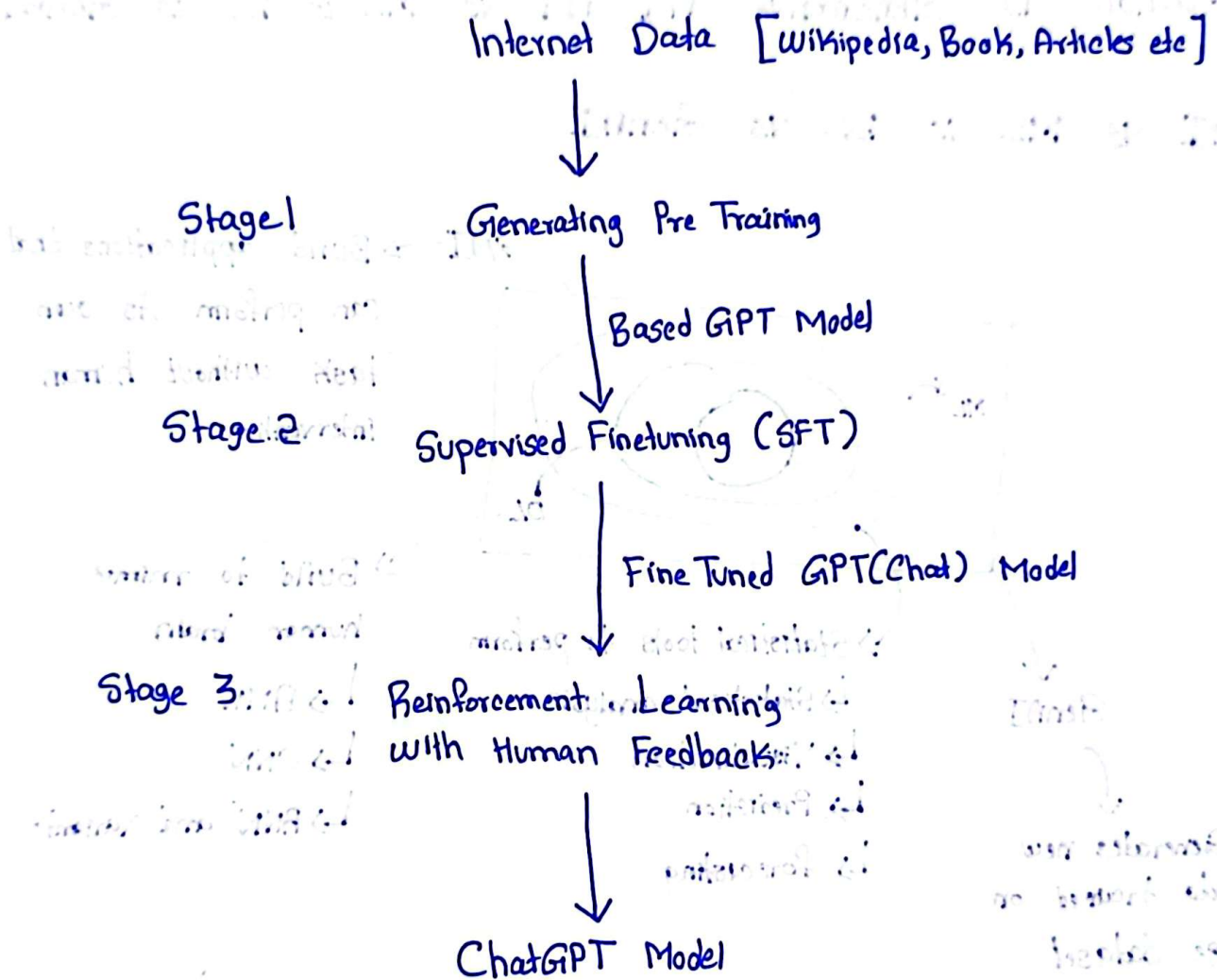


> LLM Models



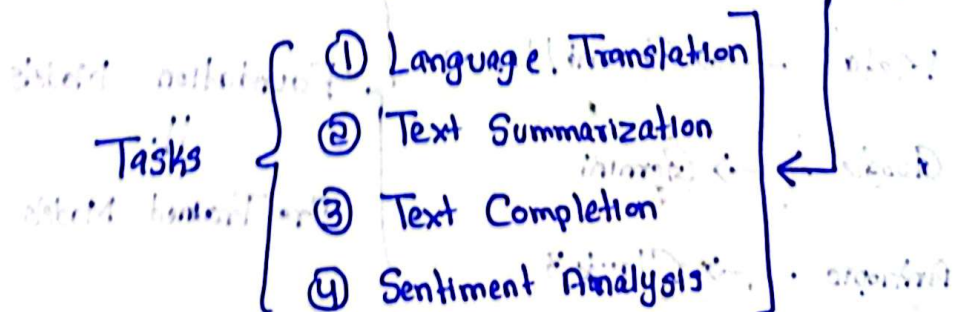
→ How LLM Models are Trained

> How GPT is Trained

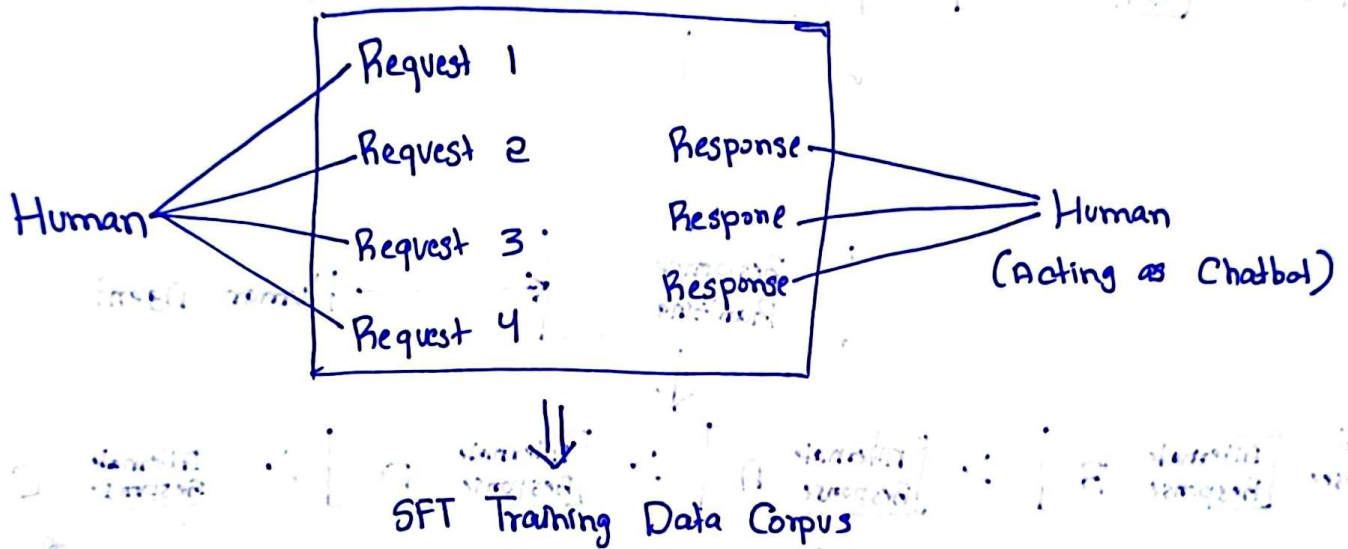


① Stage 1: Generative Pre Training

Internet Huge Input Text Data → Transformers → Based GPT Model

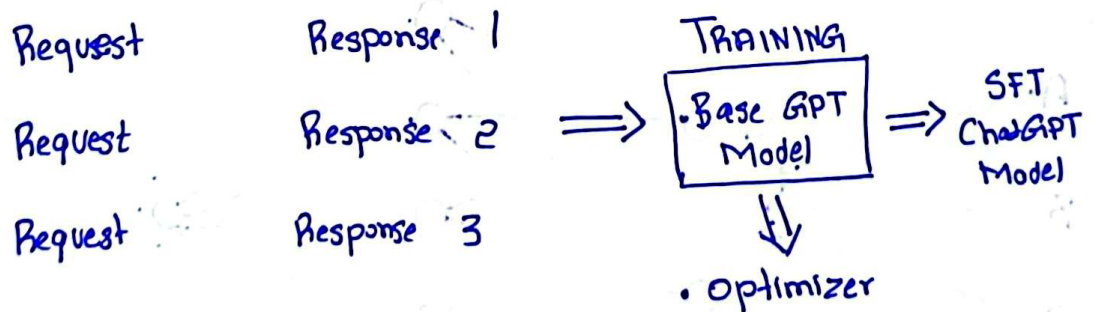


② Step 2: Supervised Finetuning (SFT)

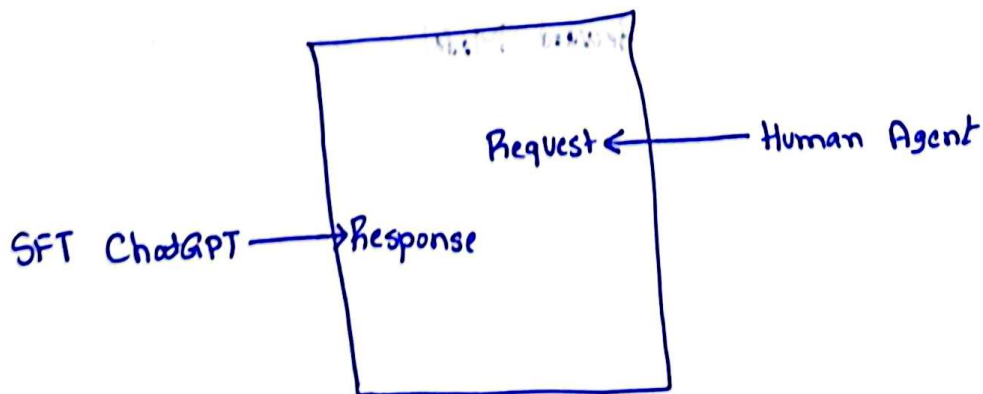


Request \Rightarrow Conversation history

Response \Rightarrow Best Ideal Response



③ Step 3: Reinforcement Learning with Human Feedback (RLHF)



Alternate
Response

Alternate
Response A

Alternate
Response B

Alternate
Response C

Alternate
Response D

Response
Ranking

Human Agent

Ranked
Response

Alternate
Response B

>

Alternate
Response A

>

Alternate
Response D

>

Alternate
Response C

Conversation History

A

B

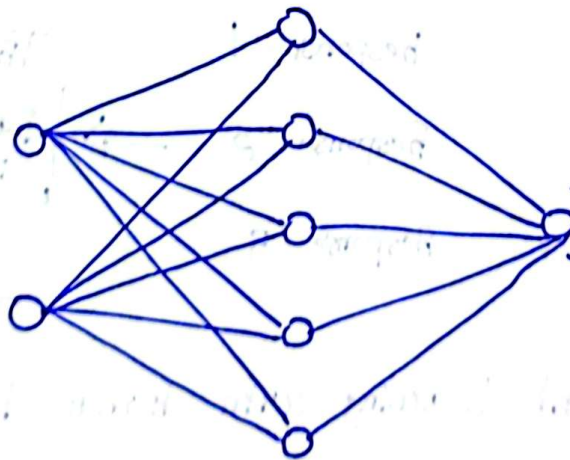
C

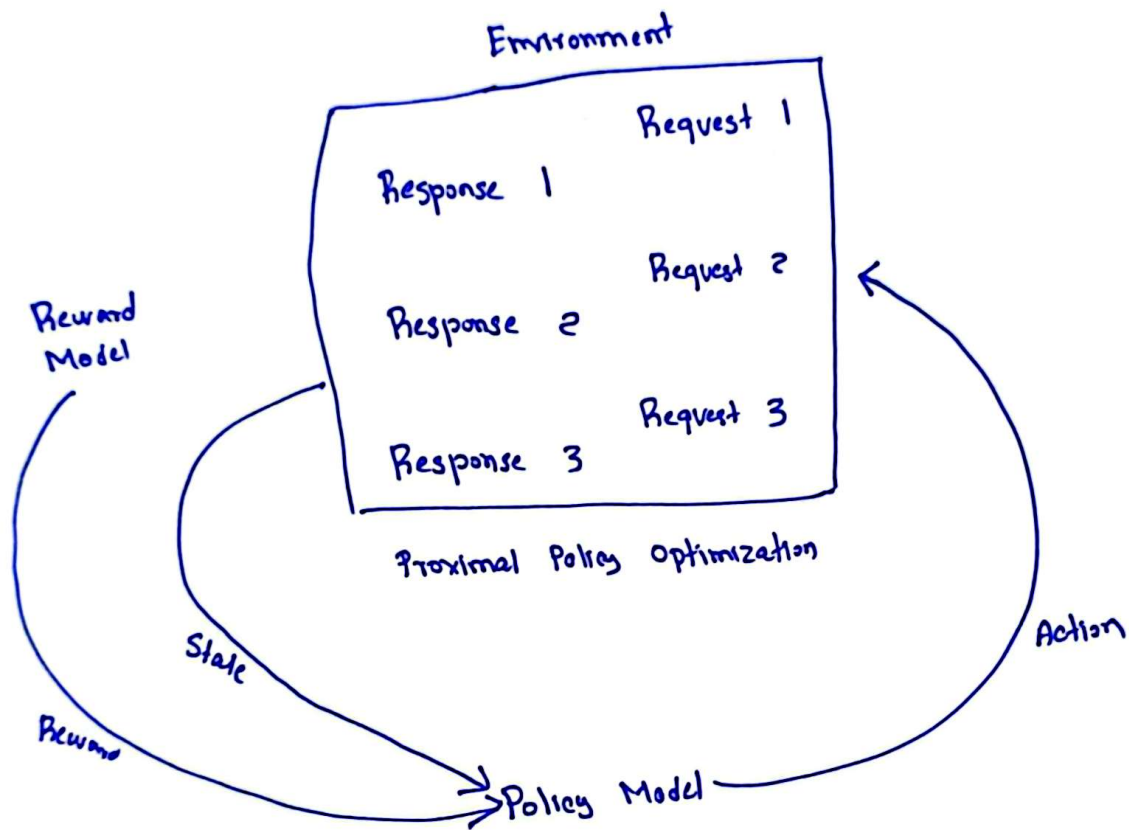
Score A

Score B

Score C

Reward Model





→ Evolution of Large Language Models

