

Published in Technology Hits



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Jan 23 · 1 min read · [Listen](#)

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# Overview of ChatGPT

## What-How-Why of the new sensation in AI

Unless you are living under the rock, it would be impossible that you have not heard of ChatGPT. It feels as if it has taken Artificial Intelligence (AI, or even for some, AGI i.e. Artificial General Intelligence) at the Peak on the Gartner Hype Cycle, because anybody-and-everybody is talking about it.

ChatGPT lets you ask questions (called 'prompts') and then it will respond with almost human-like, natural-sounding answers. The User Interface is made in the form chat/conversations. You can't help but get enamored by what it comes out with. I wonder, is it attempting to win Alan Turing Test?





Openai.com

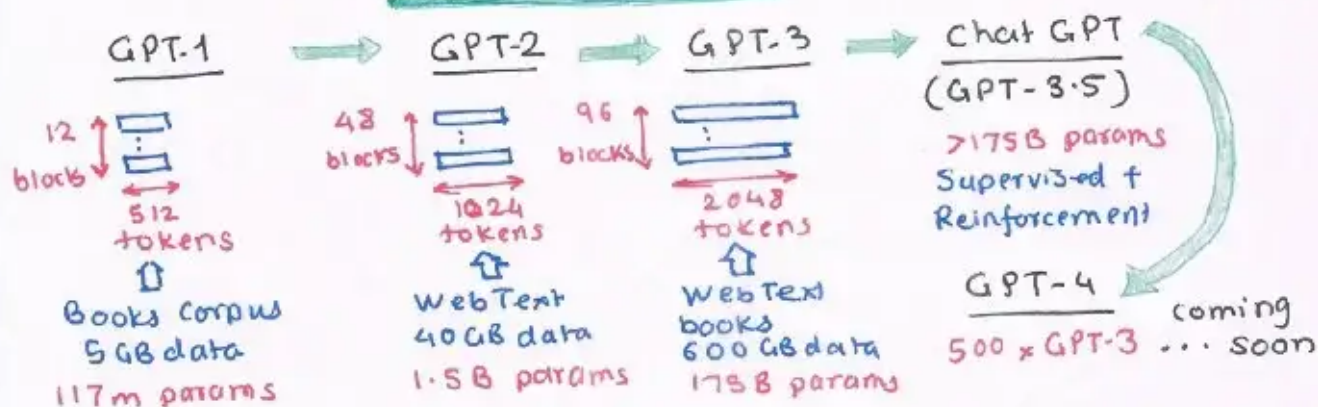
# CHATGPT

\* Generative Pre-trained Transformers

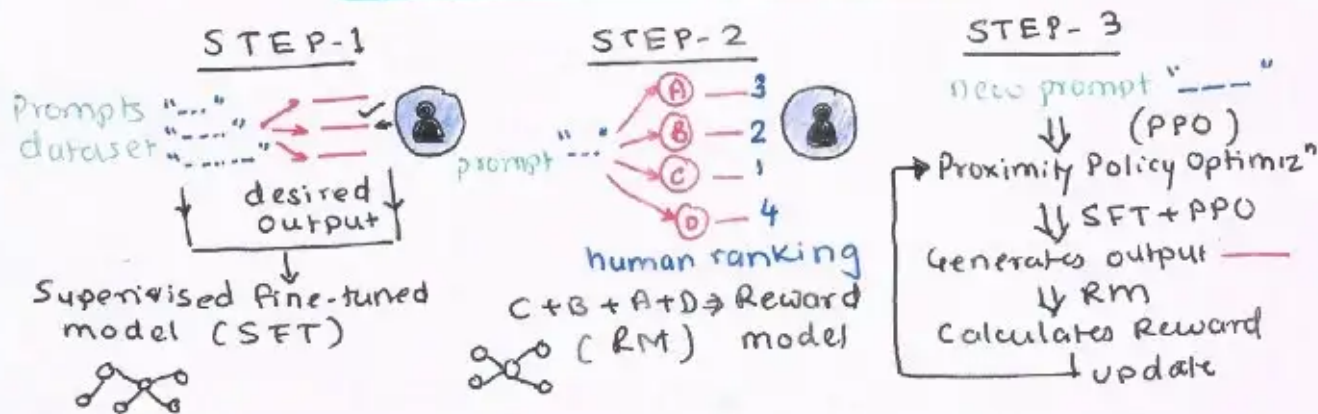


**Generative** : predicting next word (Language model)  
**Pre-trained** : previously trained on large amounts of data  
**Transformer** : Encoder-Decoder based neural network  
**Chat GPT** : GPT fine tuned for conversations (chatbot)

## GPT Progression



## How ChatGPT was trained?



### Advantages

- human like writing
- complex instructions
- mix-match ideas

### Dis-advantages

- hallucinate at times
- not truly creative
- Expensive \$\$\$\$

### Applications

- writing blogs, emails etc
- Search descriptive info
- idea generation

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### Question

Will chatGPT pass the Turing Test?