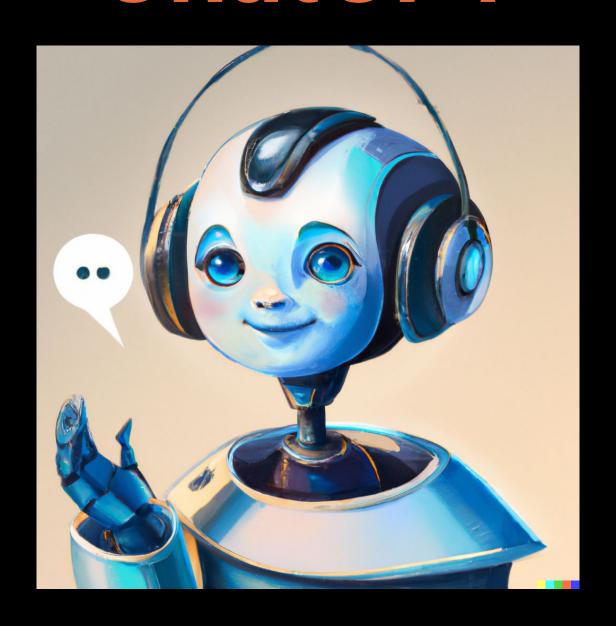# What is ChatGPT

ChatGPT is a chatbot AI system developed by **OpenAI** that uses a language processing artificial intelligence called **GPT-3** to generate human-like text.
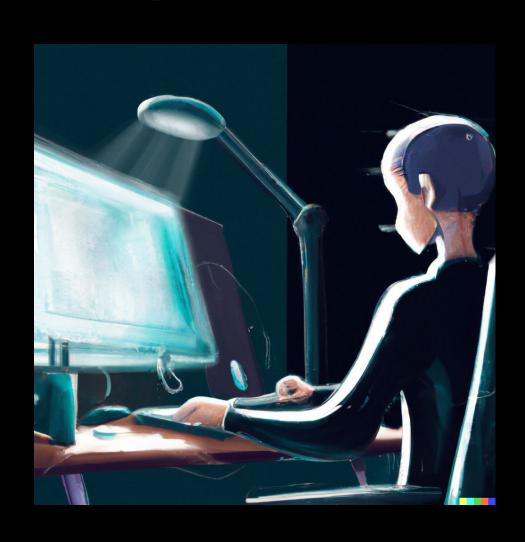
GPT-3, **or** Generative Pre-trained Transformer 3, is a language processing artificial intelligence developed by OpenAI.

It is one of the most advanced and largest AI language models in existence, with a capacity of 175 billion parameters.

So, how does ChatGPT work?

ChatGPT uses GPT-3 to process and generate text based on user input.

When a user types in a message, ChatGPT uses GPT-3 to analyze the language and context of the message and generate a response.

This response is then displayed to the user as if it were written by a human.

ChatGPT can be used for a wide range of purposes, including conversation and entertainment, language translation, and customer service.

It can even be fine-tuned for specific tasks or industries, allowing it to generate more accurate and relevant responses.

One of the key features of ChatGPT is its ability to generate human-like text that is coherent and natural-sounding.

This is thanks to the advanced transformer architecture and pre-training of GPT-3, which allows it to understand and mimic the patterns and structure of human language.

So that's a brief overview of how ChatGPT works.

As you can see, it is a powerful and sophisticated AI chatbot that is capable of generating human-like text and engaging in conversation with users.

Thanks for reading!

If you have any questions or want to learn more about ChatGPT, leave a comment below.

If you have read so far congratulations!

But here is a **little dirty secret**: the whole text in this slideshow was generated by GPT3. GPT-3.5 to be precise.

The images were made with Dall-E 2, another model by OpenAI

Don't feel bad if that slide show fooled you.

I would have been fooled too!

ChatGPT was even used to **cheat on school assignments.**

It is both concerning and exciting.

In any case this means we need to be extra vigilant. For sure this technology will be used for more than cheating on homework assignments.

Remember

—

1. Natural language models have already passed

2. There are precedents of unethical AI use, such as for cheating on homework

3. As models get more advanced we might begin to depend on them too much, losing important skills in the process.

Feel free to reach out or to connect with me for more slideshows on visualization**,** data science **and** machine learning**.**