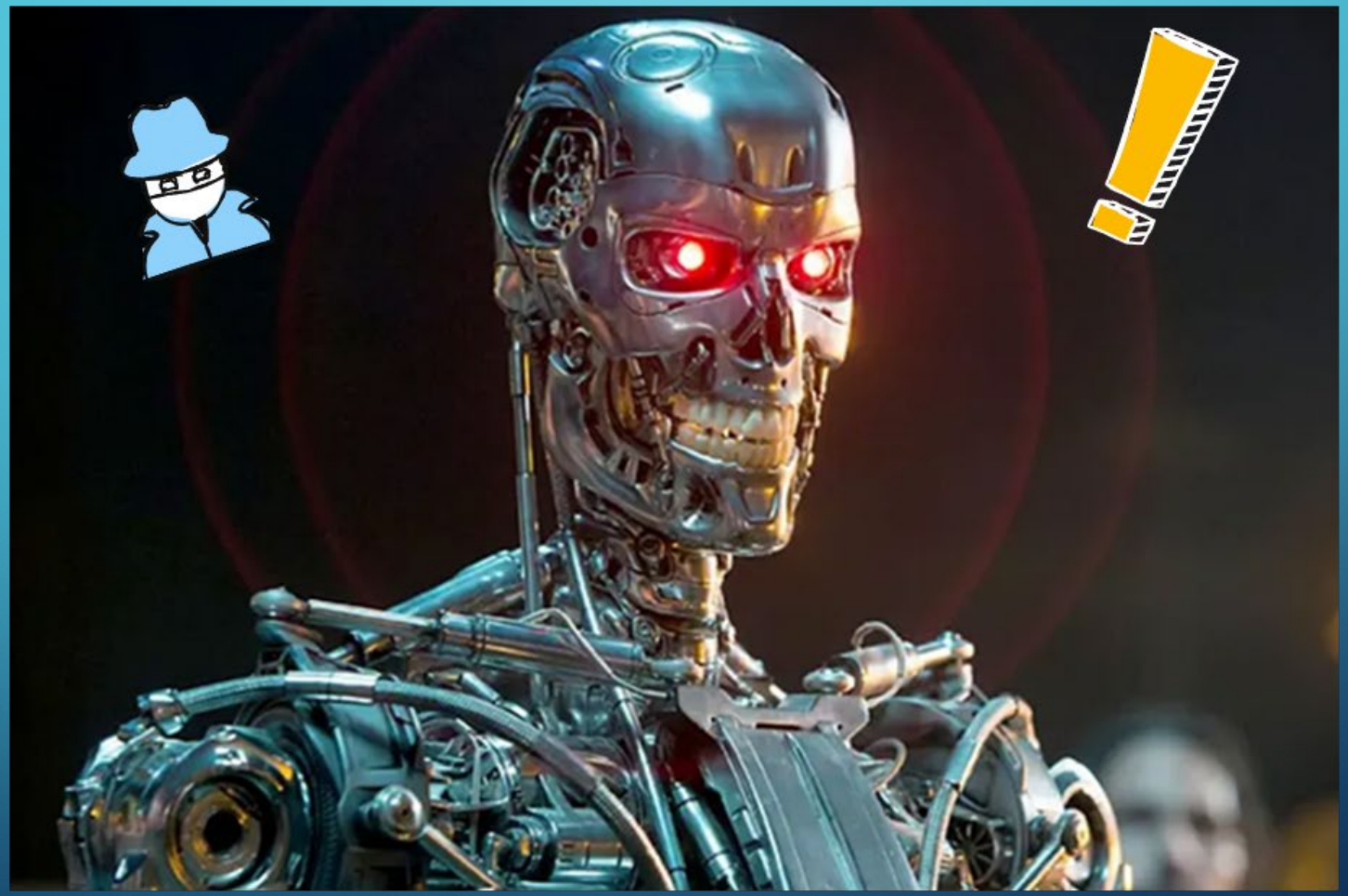
TEACH SMARTER, NOT HARDER:

How ChatGPT can help

Technophobia!



What is ChatGPT?

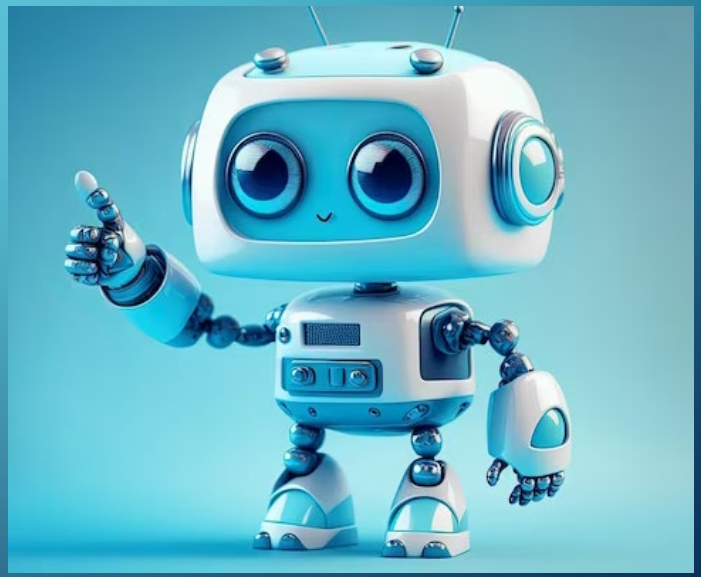
- ChatGPT is an AI-powered chatbot developed by OpenAI.
- It is based on the GPT-3.5 architecture, a state-of-the-art language model.
- ChatGPT engages in conversational interactions, providing responses based on user input.
- It can answer questions, offer explanations, and generate coherent text.
- Responses should be evaluated critically as they are based on learned patterns.
- Accuracy and up-to-dateness of information may vary.
- OpenAI has made efforts to enhance safety and reliability.
- Caution should still be exercised when using ChatGPT.

But What is it, Really?

- It's GPT!
  - Generative
  - Pre-Training
  - Transformer

Generative

- In the context of AI it involves creating AI Models that have the ability to produce original and creative outputs, such as text, images, music, and even entire scenarios.
- ChatGPT specifically can answer questions, provide explanations, offer suggestions, and engage in various forms of dialogue.

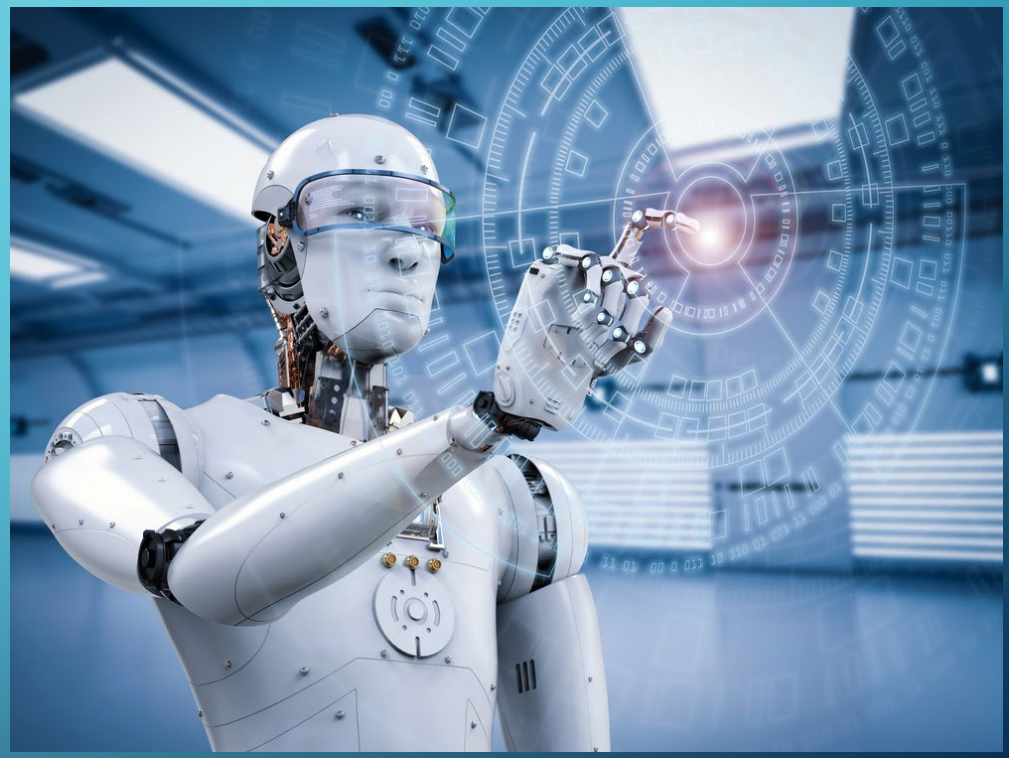


Pre-Training

- Teaching the model about language
- Learns patterns, grammar, and context from the text it reads
- Fine-tuning to focus on a specific task, i.e., chat-based conversation.
- Pre-Training makes the model smarter and better at generating human-like responses.

TRANSFORMER

- It helps the model understand and generate language.
- How words relate to each other.
- Specifically context and connections between words.
- It enables the model to generate coherent and meaningful responses.



How Can Educators Use It?

- ChatGPT can act as a virtual teaching assistant, providing instant responses to student queries and helping with basic questions. Educators can leverage ChatGPT to handle routine inquiries, freeing up their time for more personalized and in-depth interactions with students.
- Conduct interactive Q&A sessions with ChatGPT as a facilitator. Students can ask questions, and ChatGPT can provide immediate answers or suggestions. This can enhance student engagement, encourage participation, and create an interactive learning environment.

How Can Educators Use It?

- ChatGPT can assist educators in providing writing support to students. It can offer suggestions, grammar corrections, and tips for improving writing skills.
- As educators we can use it as a tool for reviewing and enhancing student essays, reports, or assignments.
- ChatGPT can help clarify complex concepts and provide explanations in a conversational manner. Educators can use it to reinforce classroom teachings, provide additional examples, or simplify complex topics for better student comprehension.

How Can Educators Use It?

- Engage students in collaborative brainstorming sessions by involving ChatGPT. Students can interact with ChatGPT to generate ideas, explore different perspectives, or spark creativity in group discussions or project planning.
- We can use ChatGPT to provide personalized feedback on assignments or quizzes. Students can submit their work, and ChatGPT can analyze and offer constructive feedback, allowing for timely and individualized guidance.

PROCEED WITH CAUTION

- Remember to emphasize the **limitations** of ChatGPT, such as the need for human oversight, potential inaccuracies, and the importance of critical thinking.
- Use ChatGPT as a **supportive tool** to enhance teaching practices, promote engagement, and optimize efficiency.

WHAT AM I USING IT FOR?

- Letters of Recommendation
- Learning new material
- Class preparation
- Creating new slide sets
- Creating new assignments
- Grading

Thanks!
I'm coming for you!