ChatGPT (**Chat Generative Pre-trained Transformer**[2]) is a <u>chatbot</u> developed by <u>OpenAI</u> and launched in November 2022. It is built on top of OpenAI's <u>GPT-3</u> family of large <u>language models</u> and has been fine-tuned (an approach to <u>transfer learning</u>) using both <u>supervised</u> and <u>reinforcement learning</u> techniques.

ChatGPT was launched as a prototype on November 30, 2022, and quickly garnered attention for its detailed responses and articulate answers across many domains of knowledge. Its uneven factual accuracy, however, has been identified as a significant drawback. [3] Following the release of ChatGPT, OpenAI's valuation was estimated at US\$29 billion in 2023.[4]