

OpenAI: ChatGPT Bot Using Python

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Abstract: This research paper presents the development of an Open-AI Chat-GPT-based chatbot using Python, with a frontend implemented using HTML, CSS (Tailwind), and JavaScript, and a backend powered by Python and Flask. The objective of this mini-project is to create a conversational agent that utilizes the power of Open-AI's language model to engage in interactive and human-like conversations. By integrating the Open-AI API and implementing the necessary web technologies, we aim to provide users with an intuitive and dynamic chatbot interface.

The project explores the capabilities and limitations of the Open-AI Chat-GPT model, while also showcasing the practical implementation of chatbot systems. The frontend interface allows users to input their queries and interact with the chatbot, while the backend handles the communication with the Open-AI API and processes the responses generated by the Chat-GPT model. Through this project, we demonstrate the potential of integrating Open-AI's language model into real-world applications and provide insights into the challenges and improvements in deploying conversational agents..

Keywords: Open-AI Chat-GPT, Chatbot, Conversational Agent, Language Model, Python, HTML, CSS, JavaScript, Flask.

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