

**Medium Link :**

<https://medium.com/@vikramjeet0201/bilingual-chatbot-using-langchain-openai-streamlit-b8d143b3c5df>

## **Hindi-English Bilingual ChatGPT**

A Streamlit application that demonstrates a bilingual chatbot using the OpenAI GPT-3.5 model for answering questions and assisting users in both Hindi and English.

### **Introduction**

This Streamlit application showcases a chatbot that can communicate with users in both Hindi and English languages. It utilizes the OpenAI GPT-3.5 model to provide accurate and contextually relevant responses. The application allows users to ask questions and receive answers in a bilingual manner, making it a helpful tool for learning Hindi or seeking information.

### **Installation**

To run this application on your local machine, follow these steps:

1. Clone the repository:

```
``sh
```

```
git clone https://github.com/Vikramjeetsingh07/bilingualchatbot.git
```

2. Install the required dependencies:

```
pip install streamlit openai
```

## Usage:-

- **Obtain an OpenAI API Key:**

Before running the application, you need to provide an OpenAI API key. If you don't have one, you can sign up for it on the OpenAI website.

- **Add the API Key:**

☐ Once you have the API key, add it to the code:

```
openai.api_key = "YOUR_OPENAI_API_KEY"
```

☐ Replace YOUR\_OPENAI\_API\_KEY with your actual API key.

- **Run the Application:**

Run the Streamlit application using the following command:

```
streamlit run app.py
```

This will launch the application in your browser.

- **Interact with the Chatbot:**

- ★ The chatbot starts with a predefined personality and style for answering questions.

- ★ Type your questions in the chat input area and press Enter to submit.

- ★ The chatbot will respond with contextually appropriate answers in the selected language.

## **Customize**

You can customize the chatbot's personality and style by modifying the `prompt_template` in the code. Adjusting the template allows you to fine-tune the responses and behavior of the chatbot to better suit your needs.

## **Contributions**

Contributions to this project are welcome. If you have any suggestions, improvements, or bug fixes, feel free to submit a pull request or create an issue.