

TASK-9

Simple ChatGPT using openai

Pip install openai

```
import openai
```

```
openai.api_key = "sk-
```

```
T7oiyeMfqS8iua5RcpAaT3BlbkFJt0TJ7dUGBlYG9EYubsJc"
```

```
completion = openai.ChatCompletion.create(model="gpt-3.5-turbo",
```

```
messages=[{"role": "user",
```

```
"content": "Give me 3 ideas that i could build using openai apis"}])
```

```
print(completion.choices[0].message.content)
```

ChatGPT Assistant using openai

```
import openai
```

```
openai.api_key = "sk-
```

```
T7oiyeMfqS8iua5RcpAaT3BlbkFJt0TJ7dUGBlYG9EYubsJc"
```

```
messages = []
```

```
system_msg = input("What type of chatbot would you like to create?\n")
```

```
messages.append({"role": "system", "content": system_msg})
```

```
print("Your new assistant is ready! Type your query")
```

```
while input != "quit()":
```

```
    message = input()
```

```
    messages.append({"role": "user", "content": message})
```

```
    response = openai.ChatCompletion.create(model="gpt-3.5-turbo",
```

```
    messages=messages)
```

```
    reply = response["choices"][0]["message"]["content"]
```

```
    messages.append({"role": "assistant", "content": reply})
```

```
    print("\n" + reply + "\n")
```

CHATBOT CHAT ASSISTANT WEBSITE

```
import openai
```

```
import gradio

openai.api_key = "sk-
T7oiyeMfqS8iua5RcpAaT3BlbkFJt0TJ7dUGBIYG9EYubsJc"

messages = [{"role": "system", "content": "You are a financial experts that
specializes in real
estate investment and negotiation"}]

def CustomChatGPT(user_input):
    messages.append({"role": "user", "content": user_input})
    response = openai.ChatCompletion.create(
        model = "gpt-3.5-turbo",
        messages = messages
    )
    ChatGPT_reply = response["choices"][0]["message"]["content"]
    messages.append({"role": "assistant", "content": ChatGPT_reply})
    return ChatGPT_reply

demo = gradio.Interface(fn=CustomChatGPT, inputs = "text", outputs = "text",
title =
"INTELLIGENT CHATBOT")

demo.launch(share=True)
```