TASK 9

Simple ChatGPT using openai

Code:

Pip install openai

import openai

openai.api\_key = "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"

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

Code:

import openai

openai.api\_key = "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"

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

Code:

import openai

import gradio

openai.api\_key = "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"

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)

OUTPUT:

