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# 1.) Importing the neccessary files.
import pandas as pd
from textblob import TextBlob
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# 2.) Loading the dataset.
data = pd.read_csv('/content/Combined Data.csv')

print(data.head())
```

	Unnamed: 0		statement	status
0	0		oh my gosh	Anxiety
1	1	trouble sleeping, confused mind, restless hear...		Anxiety
2	2	All wrong, back off dear, forward doubt. Stay ...		Anxiety
3	3	I've shifted my focus to something else but I'...		Anxiety
4	4	I'm restless and restless, it's been a month n...		Anxiety

```
# 3.) Simplest Chatbot Logic (Detecting Good vs Bad statements)
def simple_chatbot():
    print("WELCOME TO YOUR AI MENTAL HEALTH COMPANION")
    print("How are you feeling today? (Type 'quit' to exit)")

    while True:
        user_input = input("You: ")

        if user_input.lower() == 'quit':
            print("Chatbot: Goodbye! Take care of yourself.")
            break

        analysis = TextBlob(user_input)

        if analysis.sentiment.polarity < 0:
            print("Chatbot: I'm sorry you're feeling this way. It's okay to have bad days. Would you like some")

        elif analysis.sentiment.polarity > 0:
            print("Chatbot: That's wonderful to hear! I'm glad you're having a good day. Keep that positive en")

        else:
            print("Chatbot: Thank you for sharing. I'm here to listen whenever you need to talk.")

if __name__ == "__main__":
    simple_chatbot()
```

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WELCOME TO YOUR AI MENTAL HEALTH COMPANION
How are you feeling today? (Type 'quit' to exit)
You: excellnet
Chatbot: Thank you for sharing. I'm here to listen whenever you need to talk.
You: excellent
Chatbot: That's wonderful to hear! I'm glad you're having a good day. Keep that positive energy going!
You: quit
Chatbot: Goodbye! Take care of yourself.
```

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# 4.) Redifining chat bot logic.

def get_mental_health_response(user_text):

    sentiment_score = TextBlob(user_text).sentiment.polarity

    if sentiment_score < -0.2:
        mood = "Negative/Stressed"
        response = "Bot: I can feel that you're stressed. Please take 5 deep breaths. You're not alone!"
    elif sentiment_score > 0.2:
        mood = "Positive/Happy"
        response = "Bot: It's wonderful to see you feeling so positive! Keep that momentum going."
    else:
        mood = "Neutral"
        response = "Bot: I'm here to listen. Feel free to tell me more about what's on your mind."

    return mood, response

user_input = "I feel really overwhelmed by my college assignments today."
mood, bot_reply = get_mental_health_response(user_input)

print(f"User Input: {user_input}")
print(f"Detected Mood: {mood}")
print(bot_reply)
```

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User Input: I feel really overwhelmed by my college assignments today.
Detected Mood: Neutral
Bot: I'm here to listen. Feel free to tell me more about what's on your mind.
```

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# 5.) Project wrap up
def run_companion():
    print("Mental Health Companion Final Version")
    while True:
        user_input = input("\nHow are you feeling? (type 'exit' to stop): ")
        if user_input.lower() == 'exit':
            print("Take care! Goodbye.")
            break

        mood, response = get_mental_health_response(user_input)
        print(f"Detected Mood: {mood}")
        print(f" {response}")

run_companion()
```

Mental Health Companion Final Version

How are you feeling? (type 'exit' to stop): excellent
Detected Mood: Positive/Happy
Bot: It's wonderful to see you feeling so positive! Keep that momentum going.

How are you feeling? (type 'exit' to stop): bad
Detected Mood: Negative/Stressed
Bot: I can feel that you're stressed. Please take 5 deep breaths. You're not alone!

How are you feeling? (type 'exit' to stop): neither good nor bad
Detected Mood: Neutral
Bot: I'm here to listen. Feel free to tell me more about what's on your mind.

How are you feeling? (type 'exit' to stop): exit
Take care! Goodbye.