ABSTRACT:

Certainly! Creating a simple chatbot in Python can be done using various approaches. One common method is using a library like ChatterBot. Here's a basic example to get you started:

From chatterbot import ChatBot

From chatterbot.trainers import ChatterBotCorpusTrainer

# Create a new chatbot

Chatbot = ChatBot(‘SimpleBot’)

# Create a new trainer for the chatbot

Trainer = ChatterBotCorpusTrainer(chatbot)

# Train the chatbot on the English language

Trainer.train(‘chatterbot.corpus.english’)

# Simple interaction loop

Print(“SimpleBot: Hello! I’m SimpleBot. Type ‘exit’ to end the conversation.”)

While True:

User\_input = input(“You: “)

If user\_input.lower() == ‘exit’:

Print(“SimpleBot: Goodbye!”)

Break

Response = chatbot.get\_response(user\_input)

Print(“SimpleBot:”, response)

This basic example uses ChatterBot to create a chatbot that responds to user input based on pre-existing training data in English. You can customize and extend this example to suit your specific requirements.