Artificial intelligence

**Phase 3 : DEVELOPMENT**

**Chatbot in Python:**

The Development of the Chat bot is nothing by added or by attaching various and more question with answer from the datasets that were given previously.

The chatbot development may be developed by many other ways and by more interesting ways to give up an idea.The idea might be created by enrolling the user to the Chatbot to produce more user .If more users are experienced a Chatbot the cahtbot will experience more number of questions if the question is valid or useful the asked question is added/ uploaded to the main database such that the questions to be answered.

**PROGRAM FOR CHATBOT DEVELOPMENT**

import random

# Define responses

responses = {

"hello": ["Hi there!", "Hello!", "Hey!"],

"how are you": ["I'm just a bot, but I'm doing fine.", "I don't have feelings, but I'm here to help!"],

"bye": ["Goodbye!", "See you later!", "Bye bye!"],

"default": ["I'm not sure how to respond to that.", "Could you please rephrase that?", "I'm still learning!"]

}

# Function to get a response

def get\_response(message):

message = message.lower()

if message in responses:

return random.choice(responses[message])

else:

return random.choice(responses["default"])

# Main loop

print("Chatbot: Hi there! How can I assist you? (type 'bye' to exit)")

while True:

user\_input = input("You: ")

if user\_input.lower() == "bye":

print("Chatbot: Goodbye!")

break

response = get\_response(user\_input)

print("Chatbot:", response)

Done by:

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