

PROCESS OF MAKING CHATBOT

What is chatbot and how it works? A chatbot is a computer program that's designed to simulate human conversation. Users communicate with these tools using a chat interface or via voice, just like they would converse with another person. Chatbots interpret the words given to them by a person and provide a pre-set answer.

About My Chat Bot:

1. Libraries included:

- io
- random
- string
- warnings
- numpy
- TfidfVectorizer
- cosine_similarity
- warnings
- nltk

2. Files Used:

- Chatbot.ipnb
- Database.txt

3. Process:

To create this chatbot I used the NLTK (natural language tool kit) library to access the statements from the text file. I used the random library to generate the responses which are defined in the list. Also used the TfidfVectorizer and cosine_similarity to help generate the response related to the user input. I have also used different functions which takes the input checks whether the user response is finishing the conversation or not. If the input response is an ending conversation message like bye, thanks etc. the the function will return false and end the conversions.

