



# **WELCOME TO MY HEALTH CHATBOT**

"Your Health, Our Priority: Chatbot  
Care, Always There!"

# **What is a ChatBot?**

**a chatbot is a computer program designed to simulate conversation with human users, especially over the internet. Chatbots are conversational tools that perform routine tasks efficiently**

# TOPIC: HEALTH



This is a healthcare chatbot which is an AI-driven application designed to engage in natural language conversations with users, addressing their health-related queries and concerns. These chatbots offer a range of functions, including information retrieval, symptom checking, appointment scheduling, medical advice, and emergency numbers.

# Research and information used

What is an Natural Language Toolkit (NLTK): is a platform used for building Python programs that work with human language data for applying in statistical natural language processing (NLP). (The Library used for the final project).

Understand what is a natural language: a language that has developed naturally in use (as contrasted with an artificial language or computer code). Could be how human communicate

What is OpenAI: OpenAI is a private research laboratory that aims to develop and direct artificial intelligence (AI) in ways that benefit humanity as a whole.

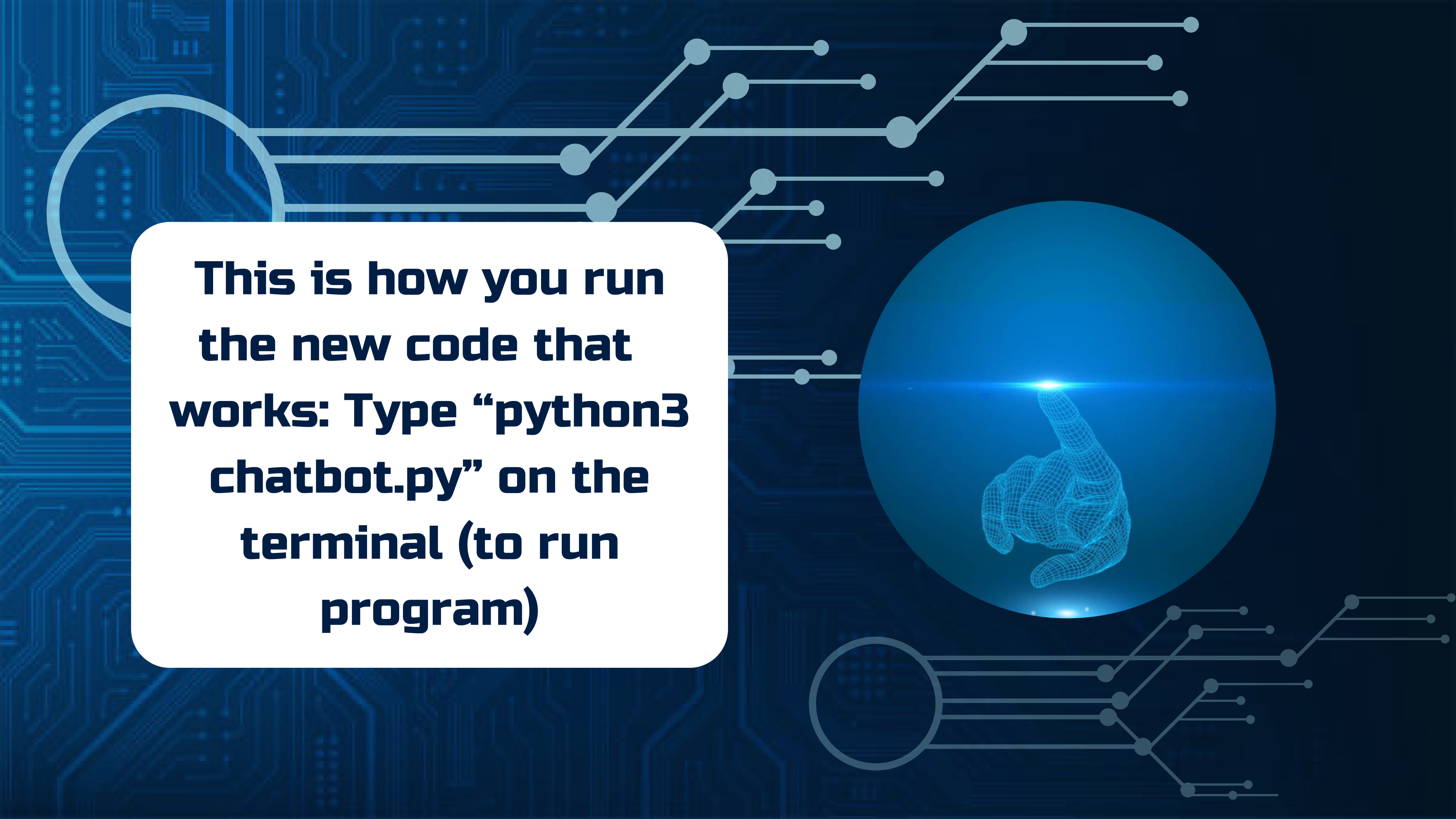
What is gradio: Gradio is an open-source library that provides tools for building and deploying interactive interfaces for machine learning models. It allows you to easily turn your machine-learning models into web-based applications that can be used by all users



**Tried creating this project with OpenAI but due to funds, it was not a success. WeThinkCode, taught us not to give up!**



**I then tried to tackle the project in a different way...**



**This is how you run  
the new code that  
works: Type “python3  
chatbot.py” on the  
terminal (to run  
program)**

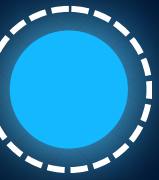
# How it works and how to ask questions



This bot is manually implemented and has limited information about Healthcare, You can type “topics” so that it gives all the topic of information it has.



This bot uses the responds from a json file named intents.json, that's where the answers are generated for it to give to the use.



Do not forget to read the README.TXT file to be able to understand more about the bot and what to import, so that the code works on any system.





# Thank You