

MEDI-BOT

NLP BASED
ONLINE MEDICAL CONSULTATION SYSTEM

PRESENTED BY: Team NOOBs



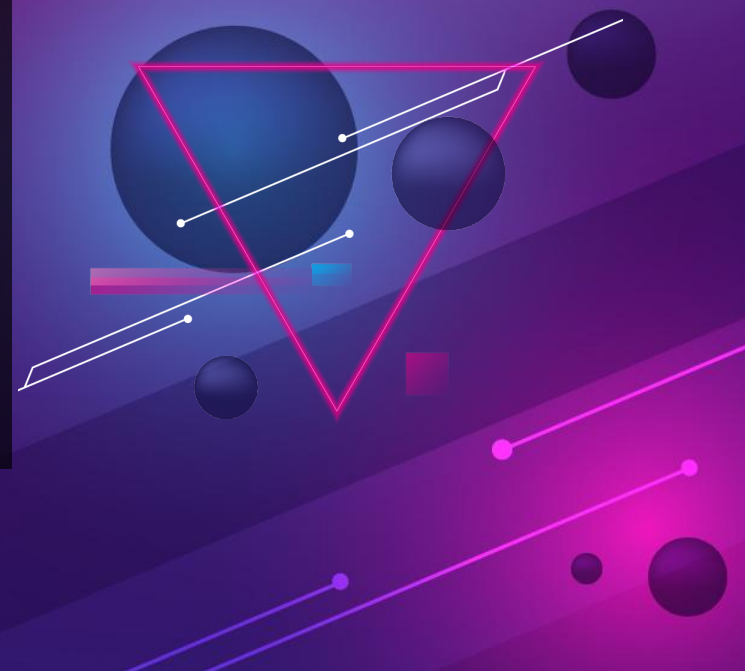
PROBLEM STATEMENT

How can natural language processing and chatbots provide online medical consultation and diagnosis based on user's medical history and symptoms?

INTRODUCTION & IMPORTANCE

Remote medical diagnosis is crucial in providing access to healthcare to those who cannot visit a hospital in person and help in skipping the difficult & boring process for booking appointments and waiting.

Remote medical diagnosis is becoming increasingly important in today's world, especially with the ongoing COVID-19 pandemic. We aim to provide efficient and accurate diagnosis and immediate results using NLP and chatbots.



WHAT WE ARE WORKING WITH (TECH STACK)

FRONT END

React, Tailwind CSS,
JavaScript, TypeScript

BACK END

Flask, NodeJS,
MongoDB

ML & NLP MODELS

Python Libraries:
SKLearn, NLTK, Pandas,
NumPy, PaAg Classifier

PROPOSED SOLUTION

ML BASED DISEASE PREDICTION SYSTEM

NLP-based disease prediction system that provides accurate diagnosis based on the user's symptoms and medical history.

NLP BASED ASSISTANCE CHATBOTS

Chatbot feature provides healthcare assistance to users by answering their queries related to healthcare

BONUS FEATURES

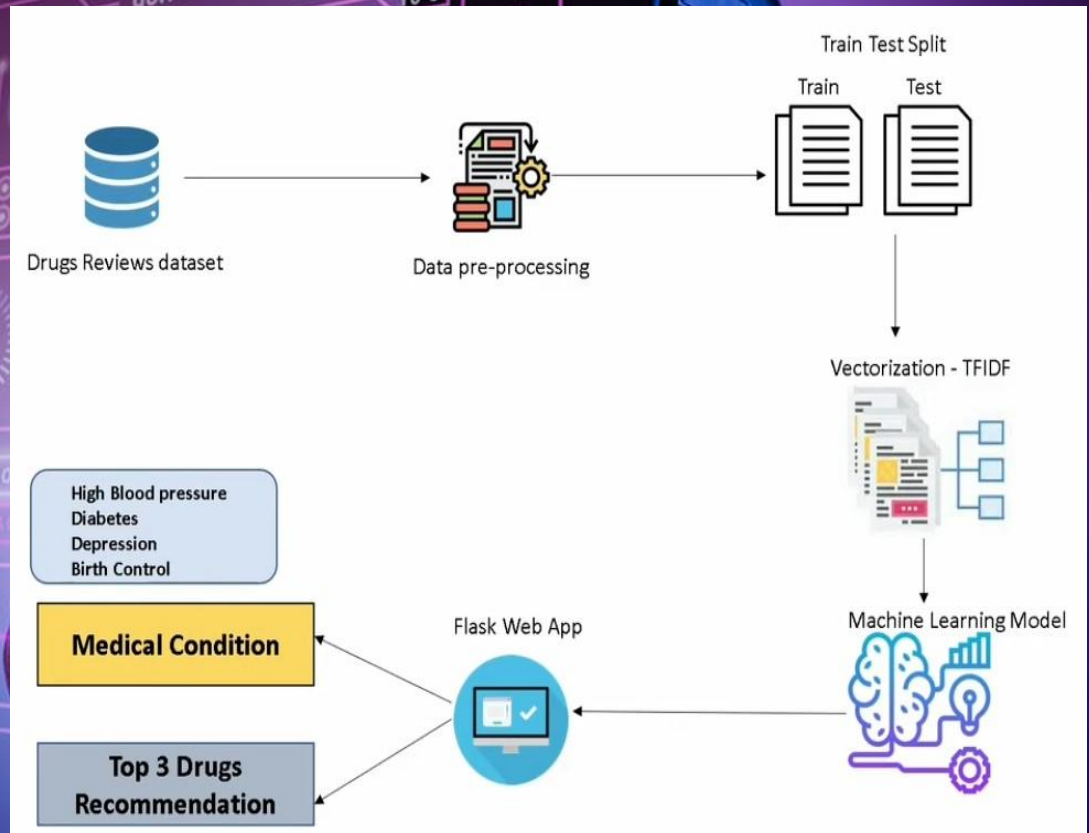
LATEST HEALTHCARE RELATED NEWS

API feature that provides users with the latest news related to healthcare.

BMI CALCULATOR

allows users to calculate their body mass index.

FLOWCHART OF NLP PREDICTION MODEL



VIDEO DEMO



FUTURE PLANS

- Easy Appointment Booking System
- More ML based training for accurate disease prediction
- Tie Ups with Hospitals for Personalised Application
- Drug & precaution recommendation system



THANKS!

Do you have any questions?
Feel free to reach out to us!

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