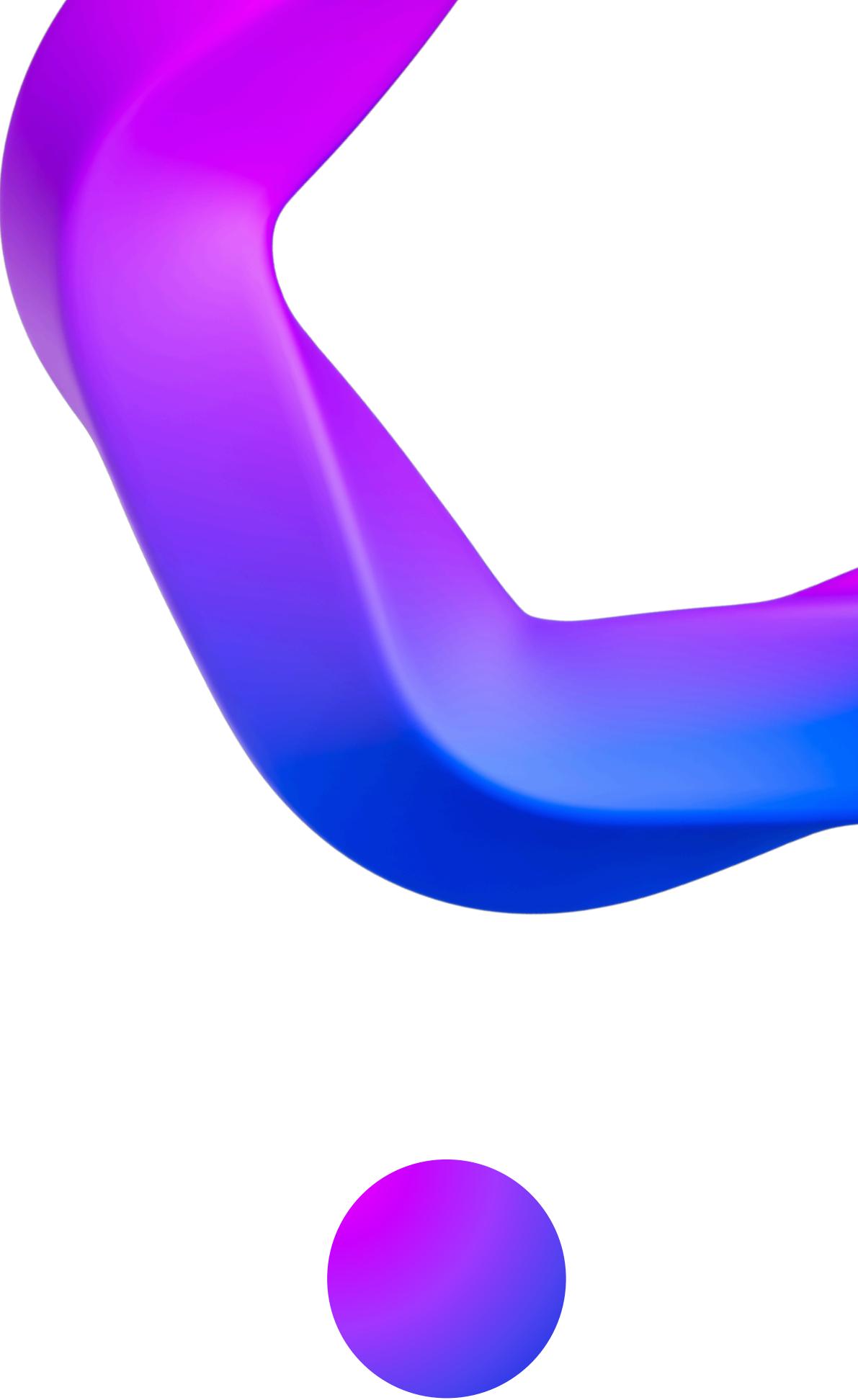


AI Health Advisor

*Intelligent Health Recommendations
and Nearest Hospital Locator*



Problem Statement

PS-2

Integrated Common Services to
Common People

Unique Idea Brief (Solution)

- *An AI-driven health advisor that computes health scores using user data.*
- *Provides personalized health recommendations. Uses Google Maps API to locate and navigate to the nearest hospital.*
- *Easy-to-use interface for seamless user experience.*



Features Offered

Health Score Calculation:

Computes a personalized health score.



Health Recommendations:

Suggests medical tests if the health score is low.



Nearest Hospital Locator:

Finds and displays the nearest hospital.



User-Friendly Interface:

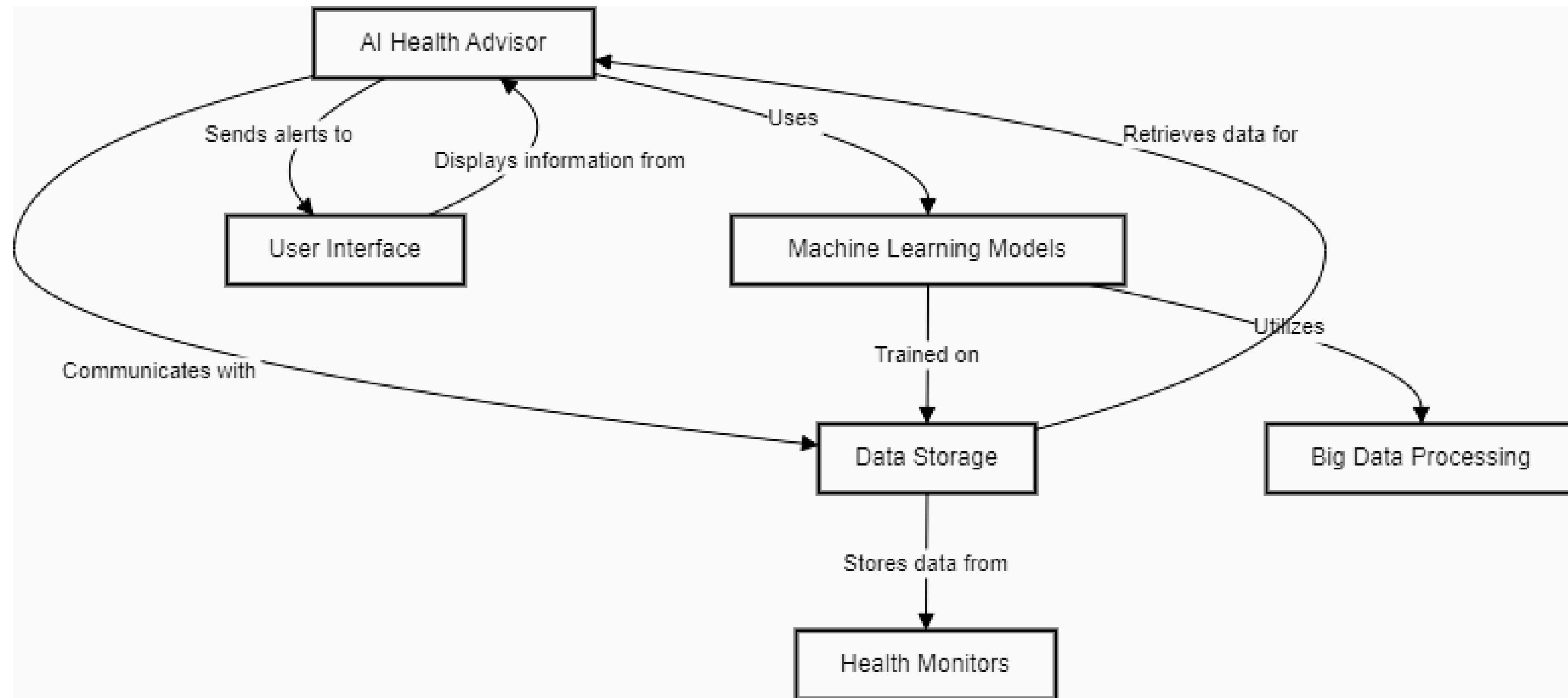
Built with Tkinter, integrates with CSV files.



Process Flow

- ***User inputs health data.***
- ***System computes health score.***
- ***Based on the score,
recommendations are provided.***
- ***If the score is low, the nearest
hospital is located using Google
Maps API.***
- ***Navigation details are provided
to the user.***

Architecture Diagram





Technologies Used

04

Machine Learning: For health
score computation

01

Programming Language:
Python using VS-Code and
Framework using GUI (Tkinter)

02

API: Google Maps API

03

Data Storage: CSV files

Our Team and Contributions



Johan S Varughese

TEAM MEMBER-I

Contribution: developed a health score prediction system using Random Forest and TensorFlow models, handling data pre-processing, training, and visualization. He created functions for health score prediction and personalized advice based on model outputs, enhancing the AI Health Advisor's accuracy and functionality significantly.



Joseph Benedict

TEAM MEMBER-II

Contribution: developed a Tkinter-based interface for the AI Health Advisor, including data processing for health scores and advice. He integrated the Google Maps API for hospital location, created an intuitive layout with input fields and buttons, and added a background image, enhancing both functionality and user experience.

Conclusion

- *AI Health Advisor provides an efficient solution for personalized health recommendations and hospital locator.*
- *It enhances accessibility to health advisory services.*
- *Future enhancements may include more advanced AI algorithms and expanded health data integration.*

Thank you

Contact Us

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