

MARCH 09 2025

VedAlert

BEYONDBYTES

AI IN AYUSH

Unpredictability of outbreaks and delayed awareness.

The world's healthcare systems are reactive, not proactive. Diseases such as dengue, malaria, COVID-19, and seasonal flu spread rapidly and wreak havoc on populations, especially in tropical regions. In India, we've seen COVID-19 cases rise exponentially in urban areas, and dengue outbreaks become a seasonal norm. But the real question is, could we have predicted this?

Introducing AI
powered real time
disease alerts and
AYUSH remedies

VEDALERT

PHASE ONE OF IMPLEMENTATION

AI-Powered Disease Prediction Using Google Trends

Disease trend detection system that uses Google Trends data to track sudden spikes in disease-related search patterns.

Personalized & Hyper-Localized Alerts Based on GPS Location

GPS-based location services to send location-specific disease alerts.

AYUSH Remedies and Traditional Health Solutions

We're empowering them with personalized Ayush remedies sourced from trusted databases like the National AYUSH Mission and other recognized health bodies.



PHASE ONE OF IMPLEMENTATION

Personalized Ayush AI chatbot

Personalized chatbot for a user who seek ayush
remedials and medical advices

Advices on AYUSH centres.

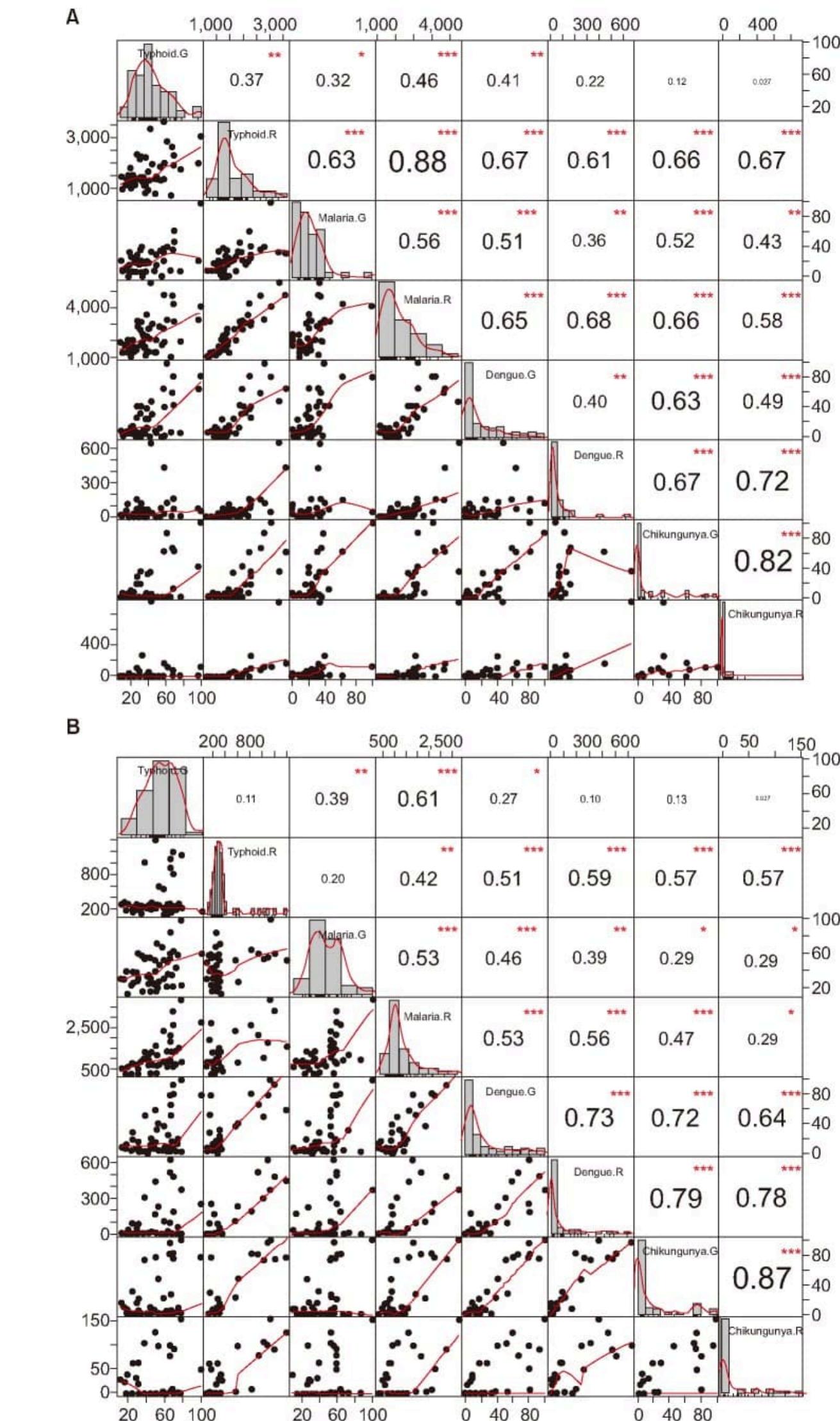
GPS-location based services for finding nearby
ayush centres.



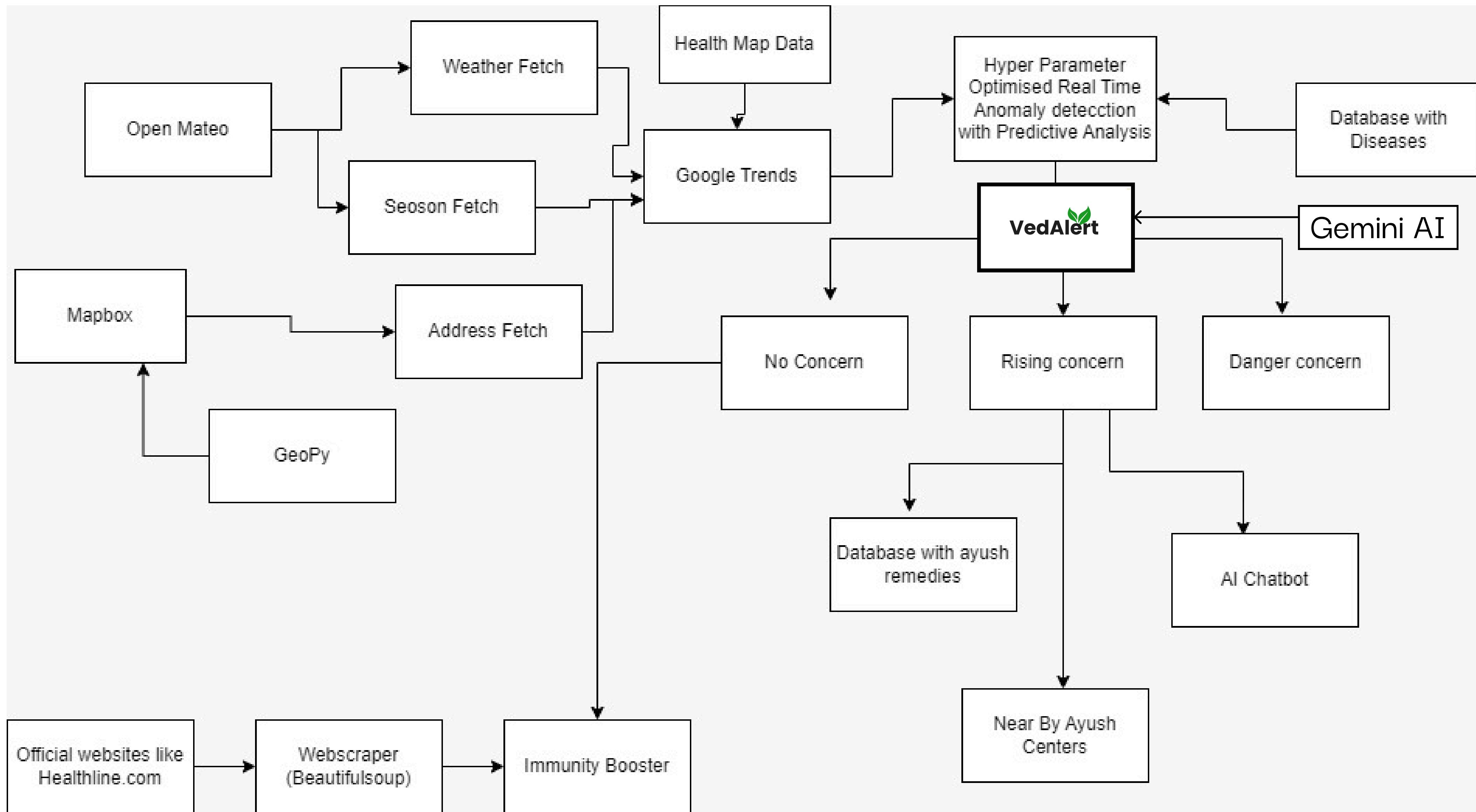
HOW RELIABLE IS TRENDS

“Temporal correlation was observed between the IDSP reporting and Google search trends. Time series analysis of the Google Trends showed strong correlation with the IDSP data with a lag of -2 to -3 weeks for chikungunya and dengue fever in Chandigarh ($r > 0.80$) and Haryana ($r > 0.70$). Malaria and enteric fever showed a lag period of -2 to -3 weeks with moderate correlation.”

-Research Paper , National Library of Medicine.



OVERVIEW OF THE SYSTEM.



How VedAlert provide for public health?

VedAlert has the potential to change the landscape of public health management. By combining AI technology with traditional Ayush remedies.

1. Reducing Disease Spread
2. Encouraging Preventive Healthcare.
3. Scalable and Adaptable Solution Our system is designed to scale nationally and internationally.

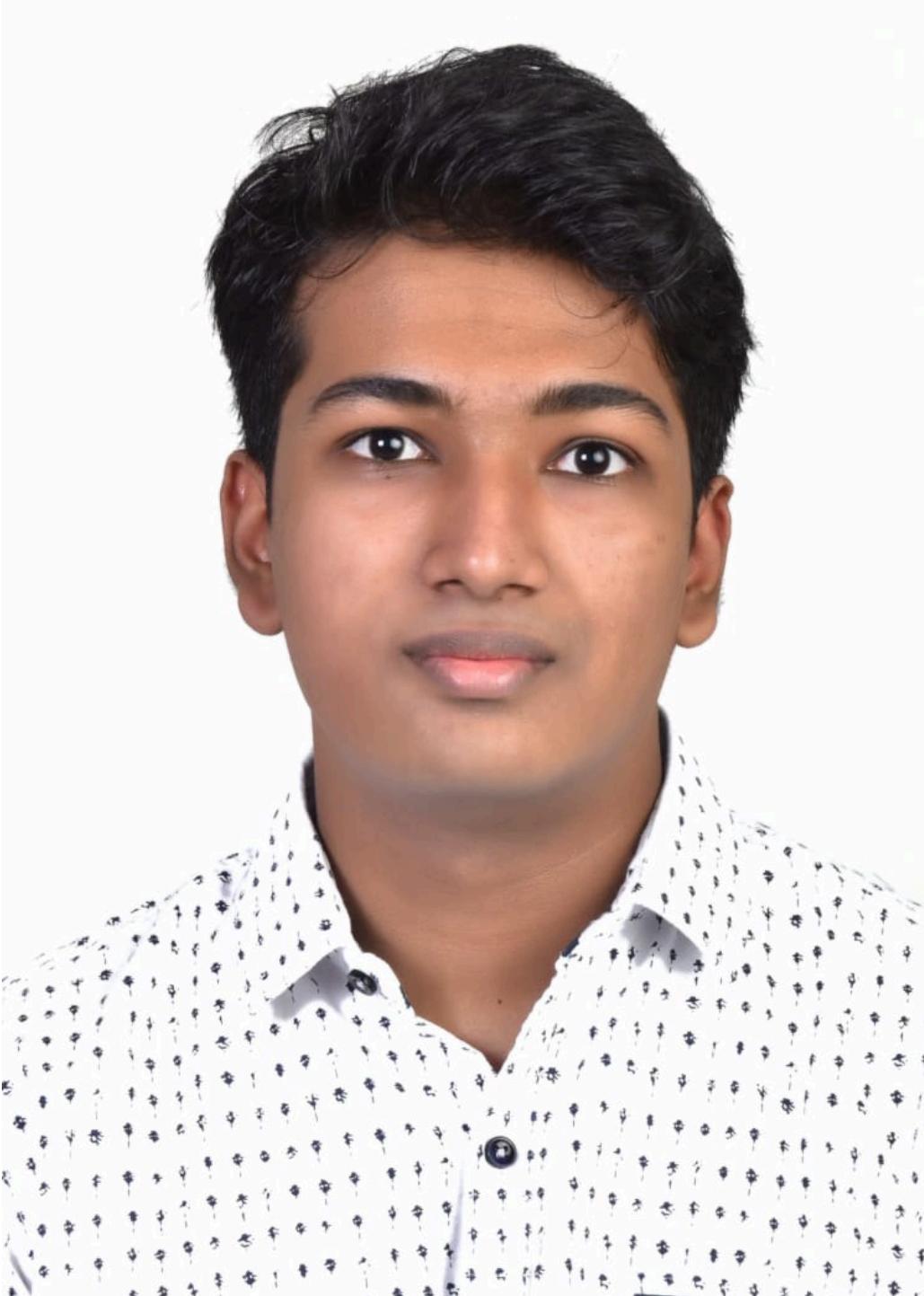
Conclusion

We are developing an AI-powered Disease Alert System that analyzes Google Trends data to predict potential disease outbreaks in real-time. The system features a specialized AI chatbot, trained exclusively on AYUSH knowledge, to provide accurate traditional medicine recommendations and answer user queries. By integrating AI-driven predictions, it enhances early awareness and prevention, promoting a sustainable, data-backed approach to public health. We're not just reacting to outbreaks—we're preventing them.

OUR TEAM



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