



ACIC

DETECTION AND PREDICTION OF DISEASE OUTBREAKS

Team -> Coding Hustlers



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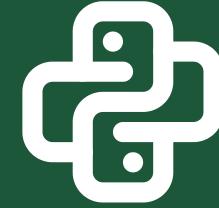
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Tech Stack

In this project we use following technologies to develop our disease detection and prediction project

01



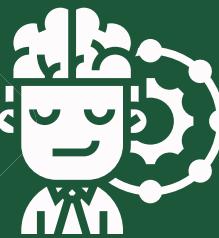
Python, when used in machine learning, offers developers of all skill sets exceptional versatility and power. It is used to develop many applications due to its simplicity.

02



Django is a high-level Python web framework that encourages rapid development and clean, pragmatic design.

03



Machine learning is a branch of artificial intelligence (AI) and computer science which focuses on the use of data and algorithms.

04



Data science is the study of data to extract meaningful insights for business. It is a multidisciplinary approach that combines principles and practices.

Objective

Clarify the project's overall objectives and goals.

Objective 01

Identify and diagnose diseases at the earliest stage possible.
Early detection often leads to more effective treatment and improved patient outcomes.

Objective 02

Develop systems that provide accurate and reliable diagnoses.
Precision in diagnosis is crucial for appropriate and timely medical interventions.

Objective 03

Implement automated systems for initial disease screening.
Automation can enhance efficiency, reduce workload on healthcare .

Objective 04

Enable real-time monitoring of disease trends and outbreaks.
Timely response to emerging health threats and better resource allocation.

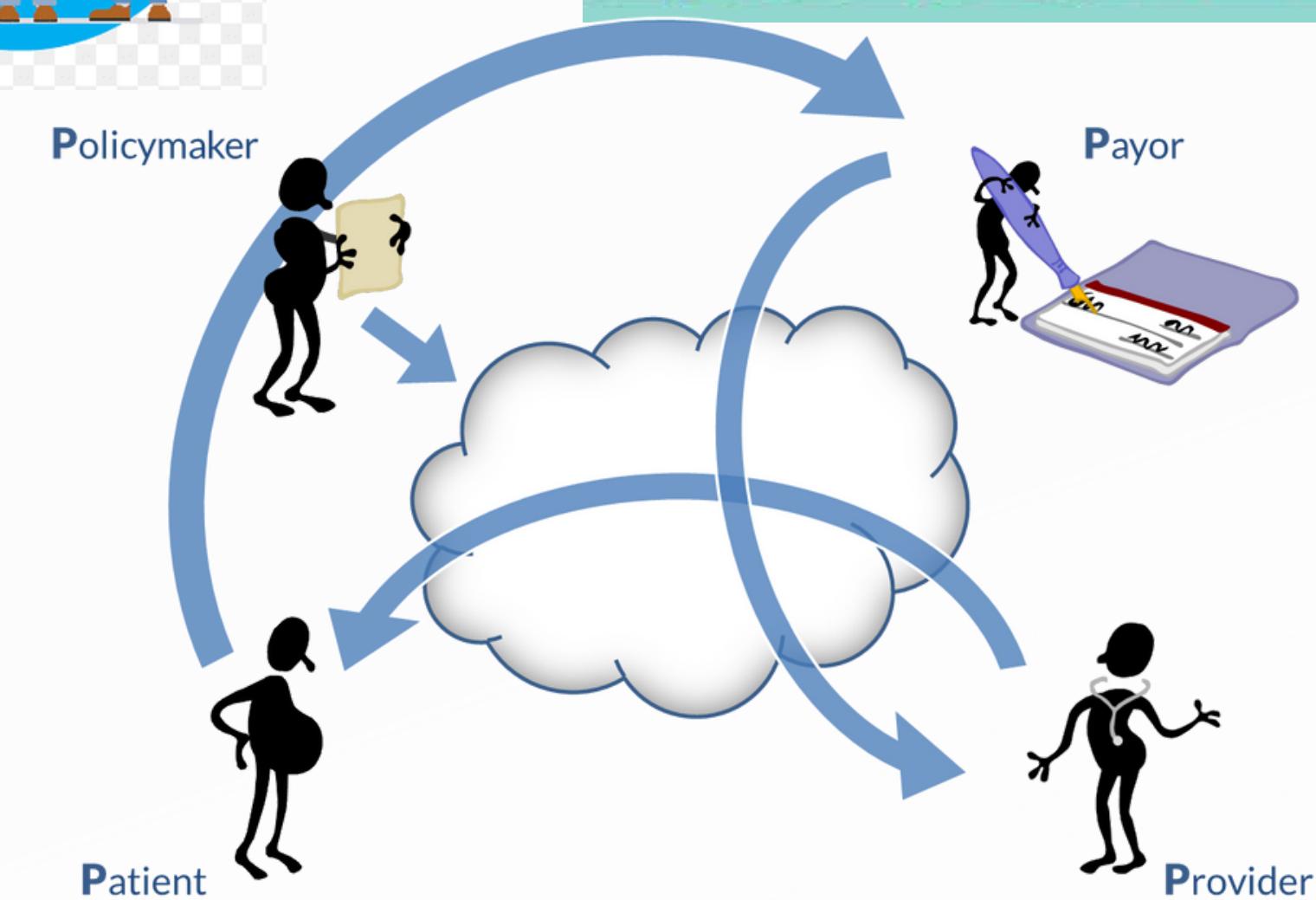


Target Audience

- Healthcare Professionals
- Healthcare Administrators and Policymakers
- Technology Developers
- Patients and the General Public



Coding Hustlers



Policymaker

Payor

Patient

Provider

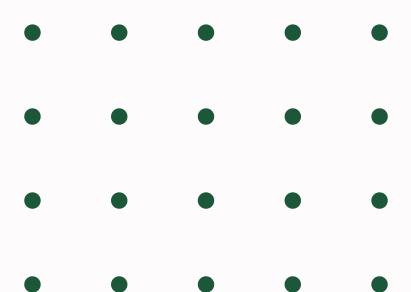


Result & Architecture

Our Application Architecture or we can say that application UI is very interactable and very understandable for our targeted Audience . The Resultant of our Interactable UI is showcasing our Gradually increase of our Targeted Audience.

85 %

Sales





Advantages

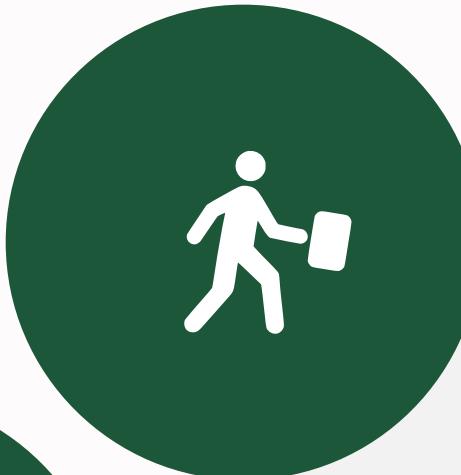
These are some advantages of our disease detection and prediction project



Early Intervention



Reduced Healthcare Costs



Preventive Healthcare Planning

Conclusion

In conclusion, disease detection and prediction represent pivotal pillars in the realm of healthcare, offering a myriad of benefits that span individual well-being to global health security. The ability to identify diseases at early stages not only facilitates timely intervention, improving treatment efficacy and overall outcomes, but also contributes to significant cost savings within healthcare systems. The foresight provided by predictive models empowers healthcare professionals, policymakers, and individuals alike to proactively address health challenges, allocate resources efficiently, and make informed decisions.



Our Team



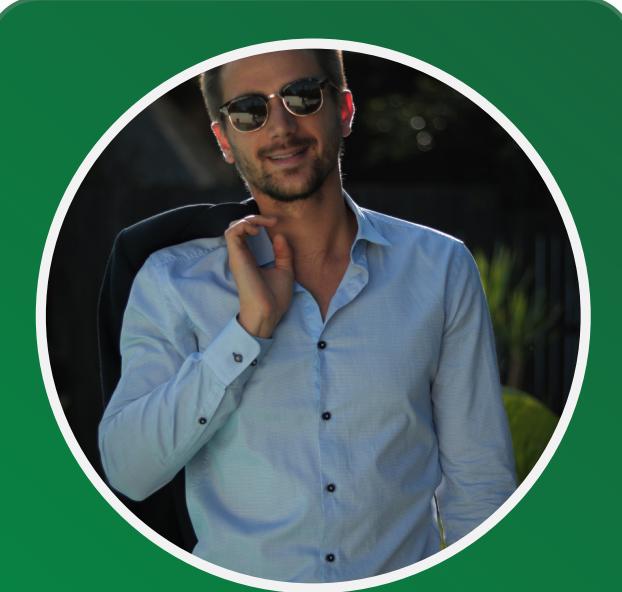
Remy
Marsh
Manager



Everest
Cantu
Marketing



Drew
Holloway
Business Head



Morgan
Maxwell
Manager

THANK YOU

