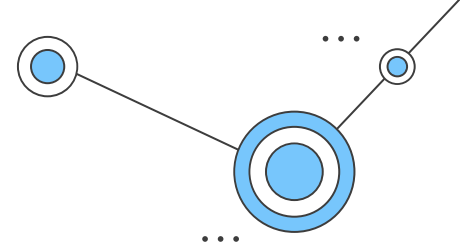


HEART DISEASE DIAGNOSTICS

Predicting every next
possibility

Directory



Here's what you will know in the project,

1. Overview of the Health Disease Diagnostics project
2. Importance of early diagnosis and personalized healthcare
3. To analyze patient data for diagnosing heart disease
4. To develop predictive models for accurate diagnosis
5. To provide actionable healthcare recommendations
6. End to end implementation with entire workflow.
7. ETL Pipeline deployment.
8. Performance comparison of models
9. Key insights derived from the data
10. Future scope of the project

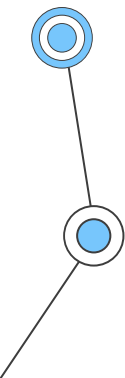


Table of Contents

01

Problem Statement

Need of the project / Scopes and vision

02

Technology and Tools

Entire tech stack that was used building this project

03

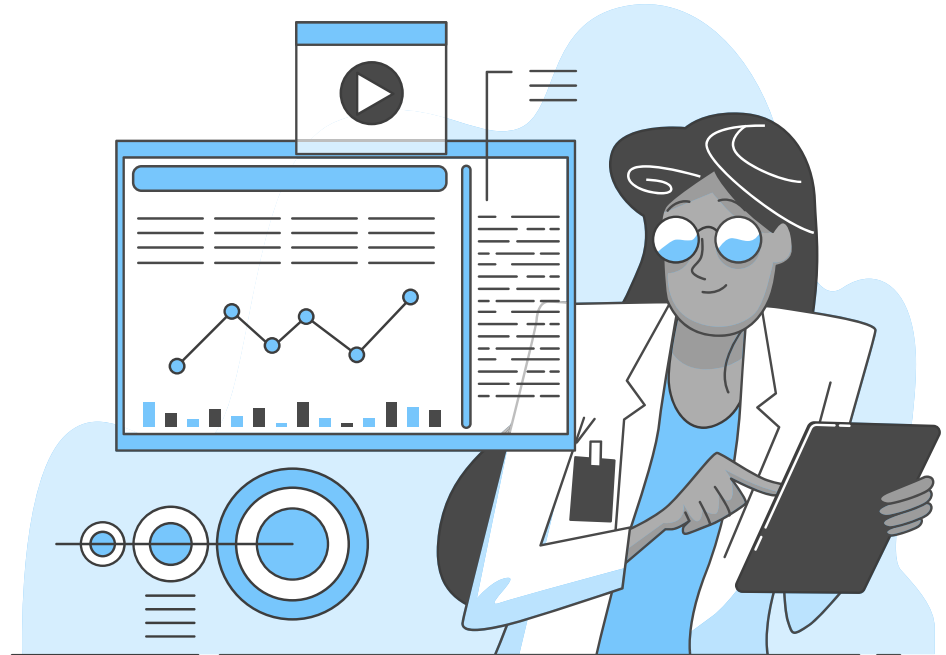
End to End Workflow

Entire processes involved while building this project

04

Conclusion & Thank you

End of the project and final statements

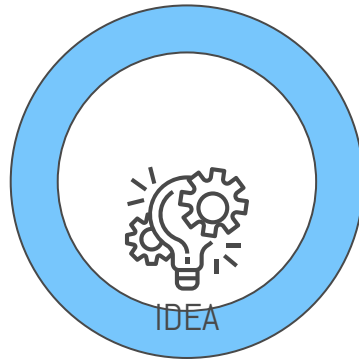




01

Problem Statement





Risks and Solutions

The increasing prevalence of heart disease poses a significant challenge to public health, with late diagnosis leading to severe outcomes. Current diagnostic methods often lack efficiency and personalization, highlighting the need for a data-driven solution to improve early detection and treatment strategies.

...

Understanding the Problem



High Prevalence

- Heart disease remains one of the leading causes of mortality worldwide

...



Accurate Predictive Models

Existing models may lack accuracy or fail to generalize across diverse populations

...



Preventive Measures

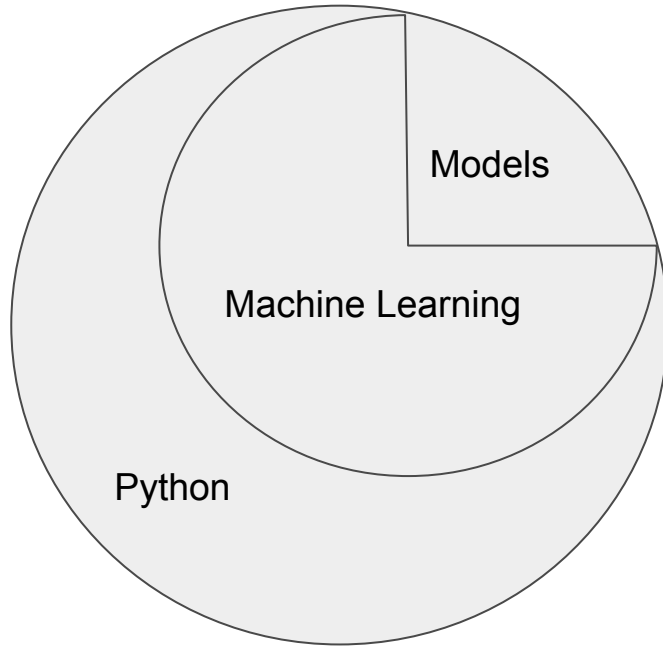
Patients and healthcare providers may not have adequate resources

...



02 Technology Usage

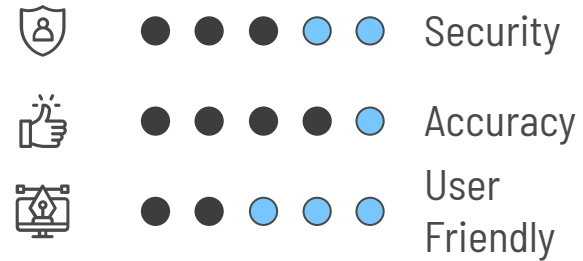
Tools and Technology Usage



Language Distribution



Features





03

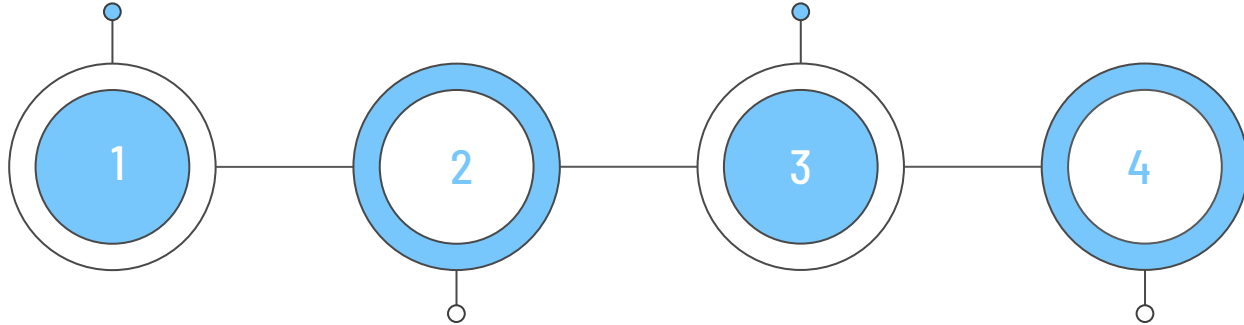
Process

End to End process involved...

Process

Data Sourcing
Loading and Visualisation

Model Selection, Training,
Evaluation, Testing



Preprocessing, Feature
Eng, Scaling, Extraction

Deployment, Rendering
and Monitoring

Thanks!

Visit [GitHub](#) for project code

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