

Heart Disease Project

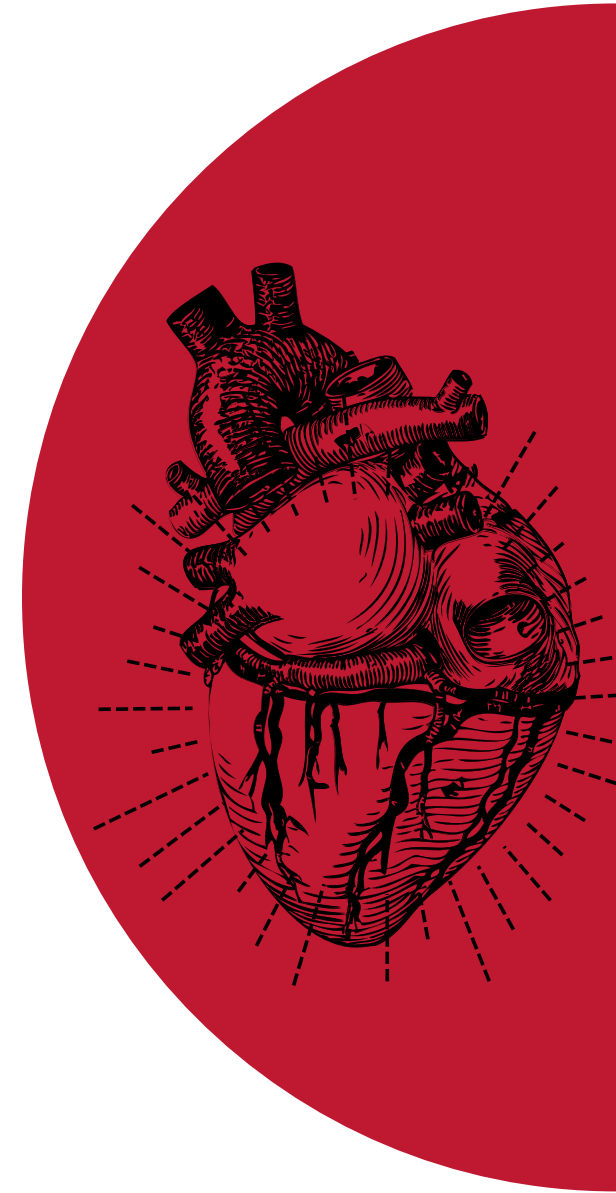


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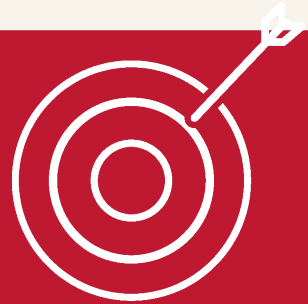
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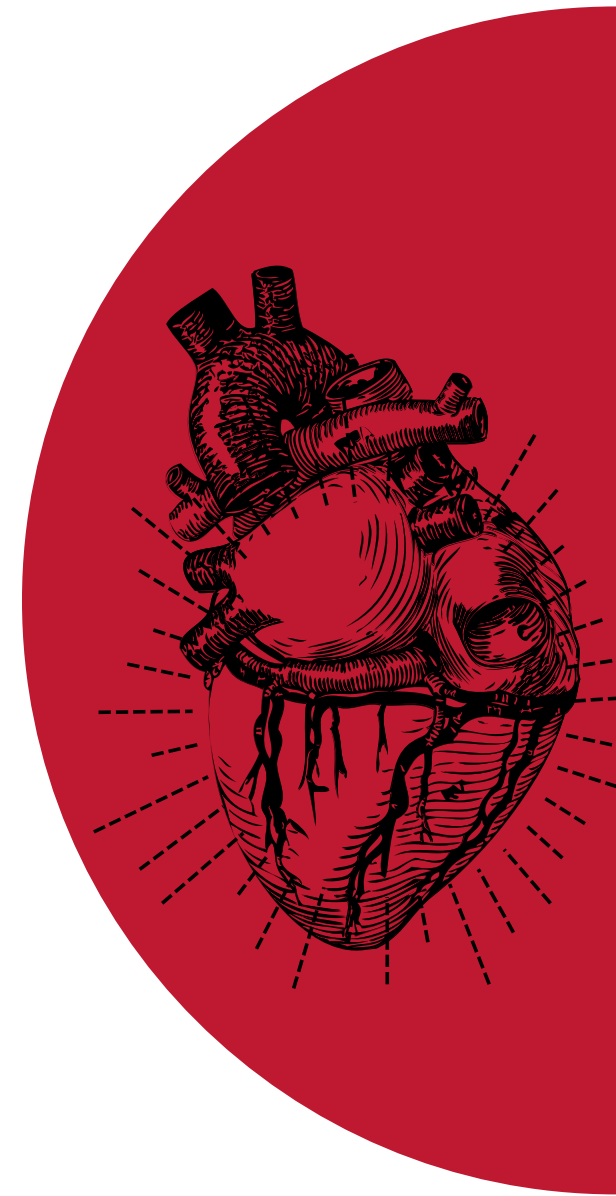
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Future Work

Goal



Predict whether the patient has heart disease or not.



Data

Age

CP

Exang

Target

Gender

Trestbps

Thalach

Restecg

Oldpeak

CA

Chol

FBS

Slope

Thal



Tools

- Pandas

- NumPy

- Heroku

- Flask

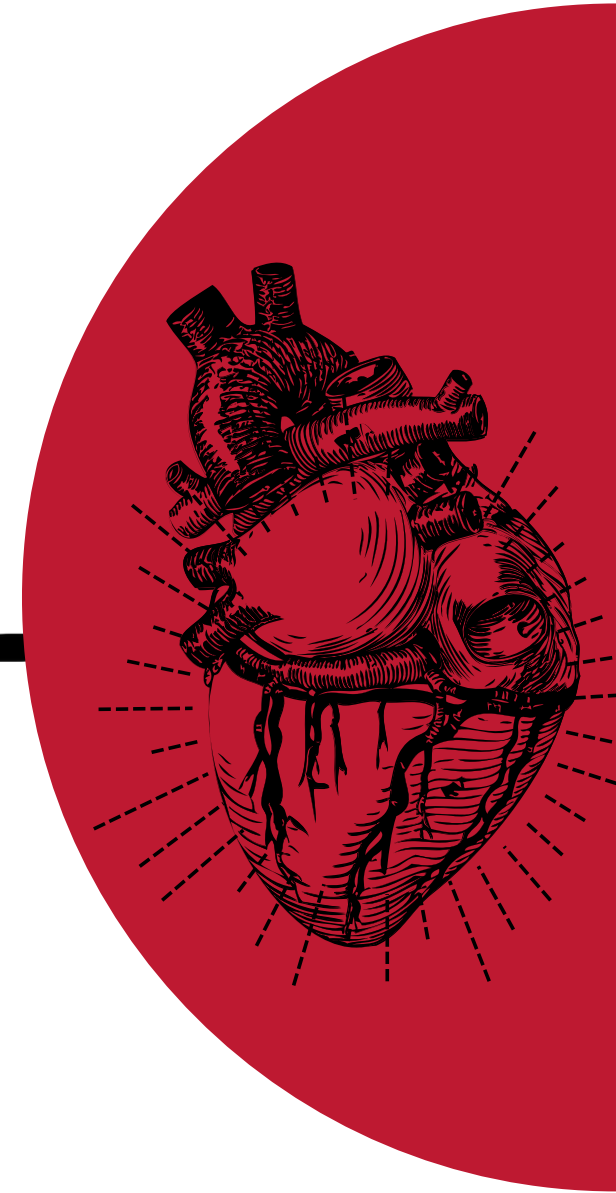
- Seaborn

- Ploty

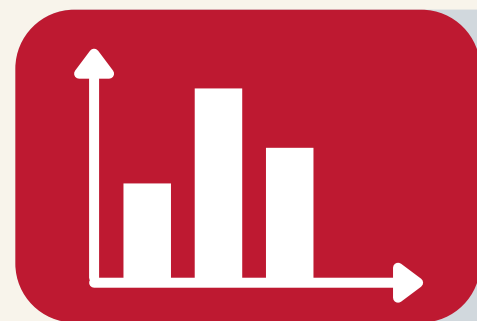
- matplotlib

- Sklearn

- SQL
Alchemy



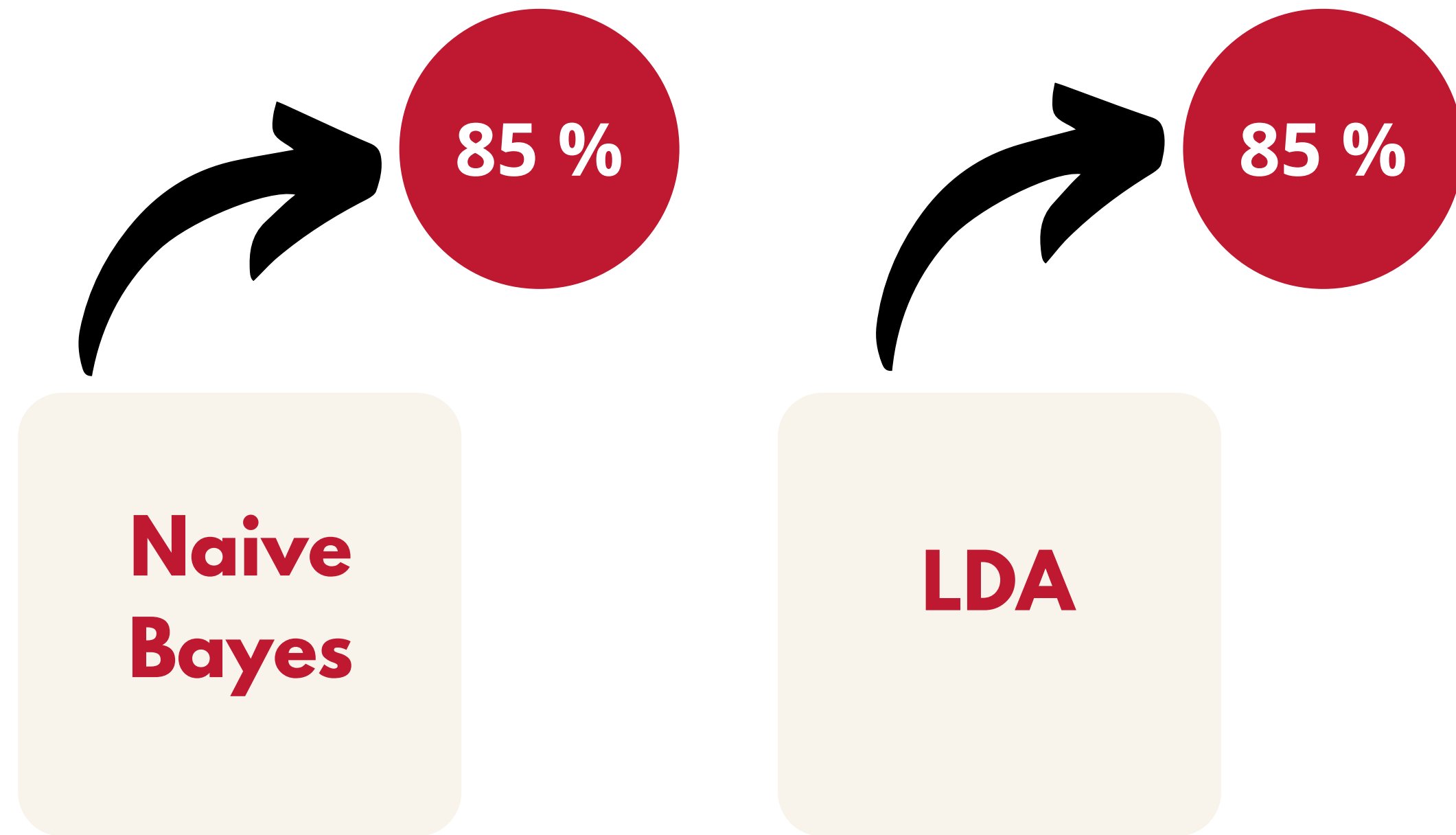
Modeling

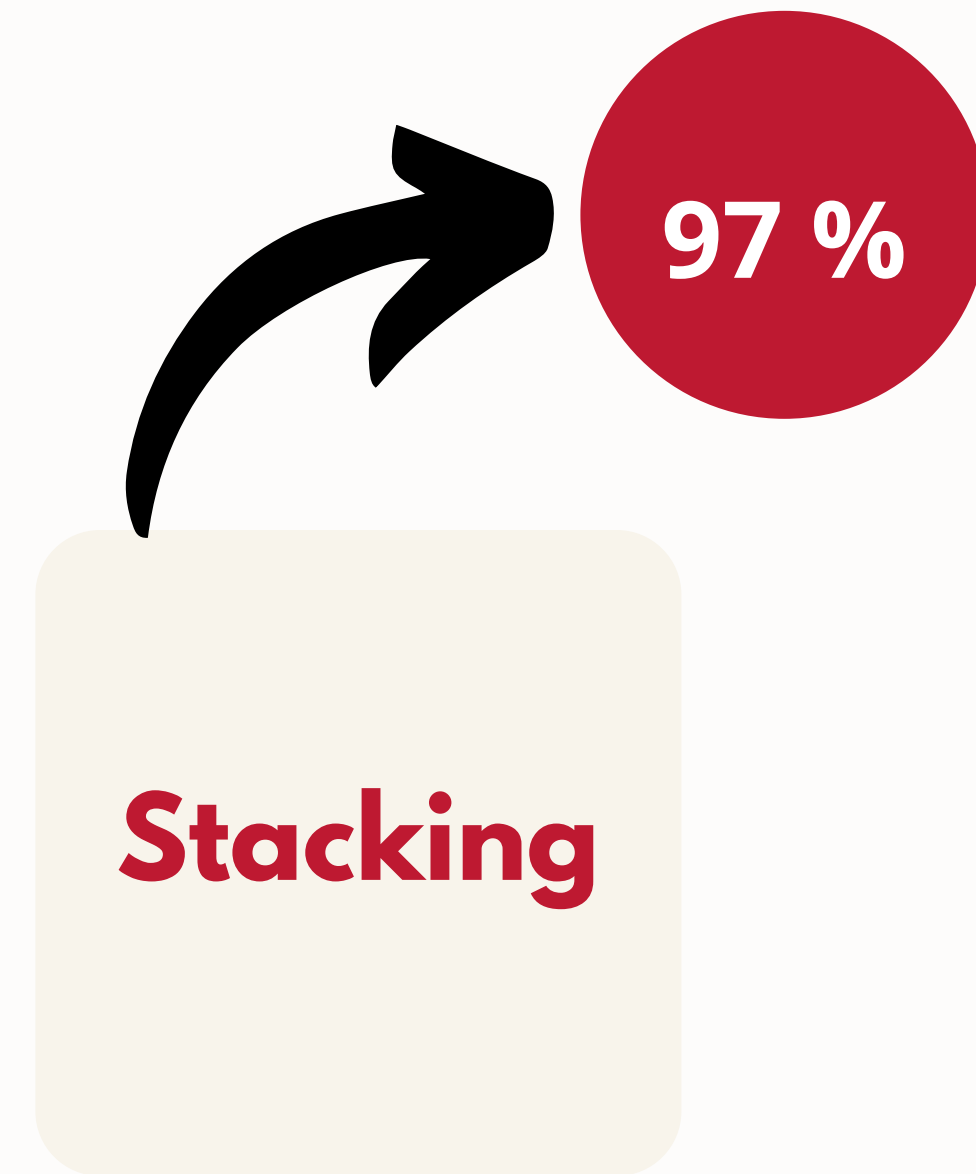
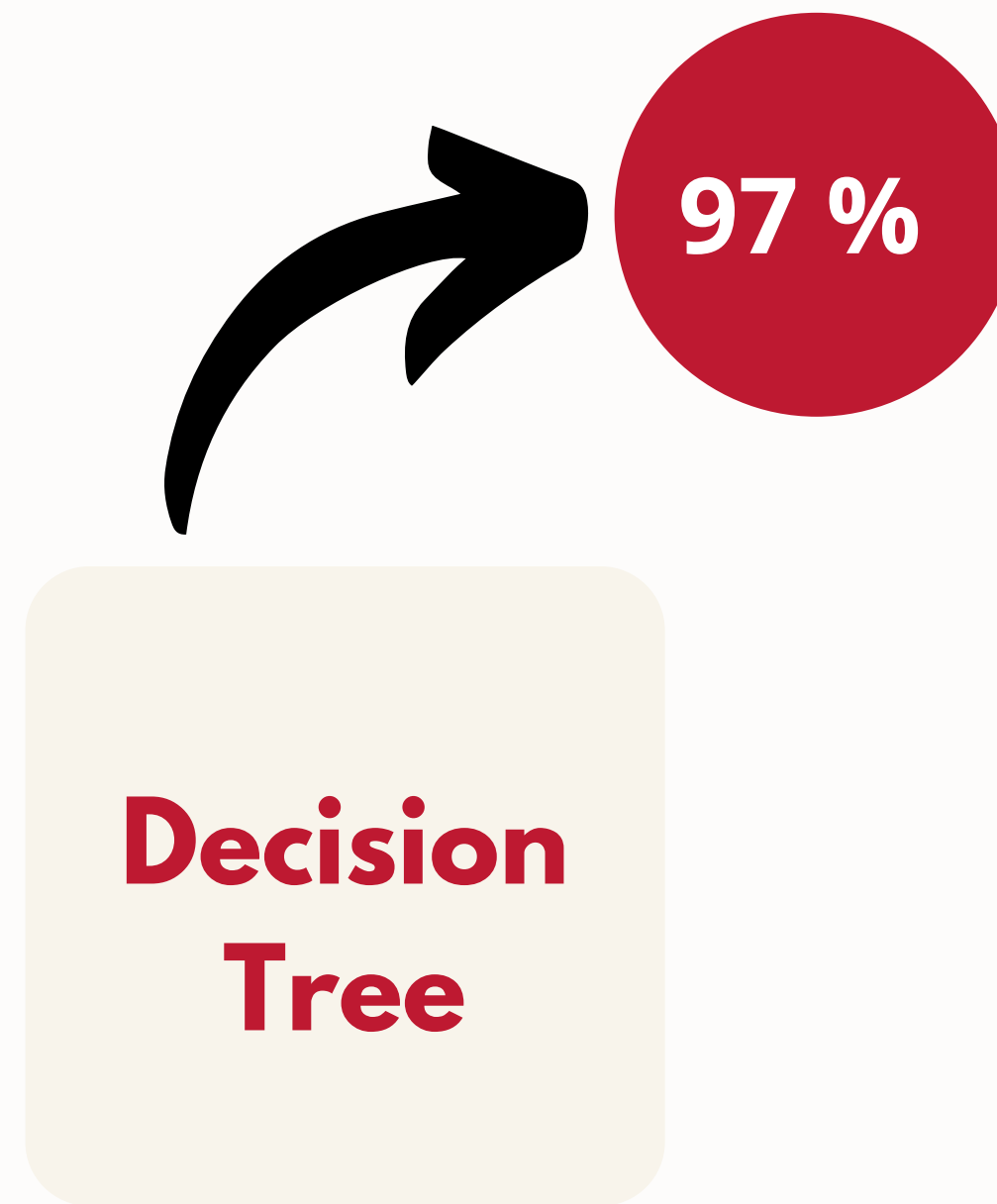


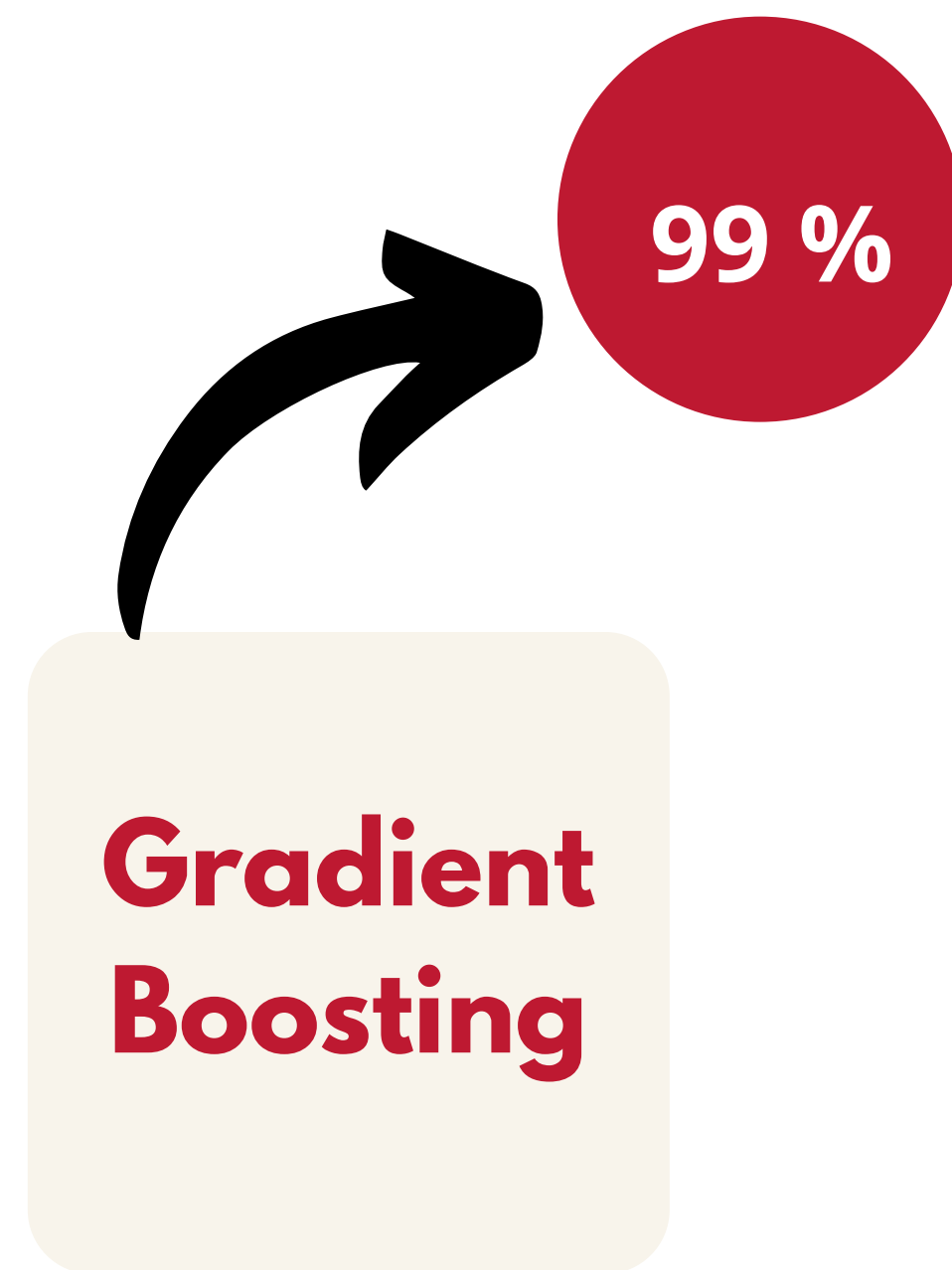
Build
Classification models

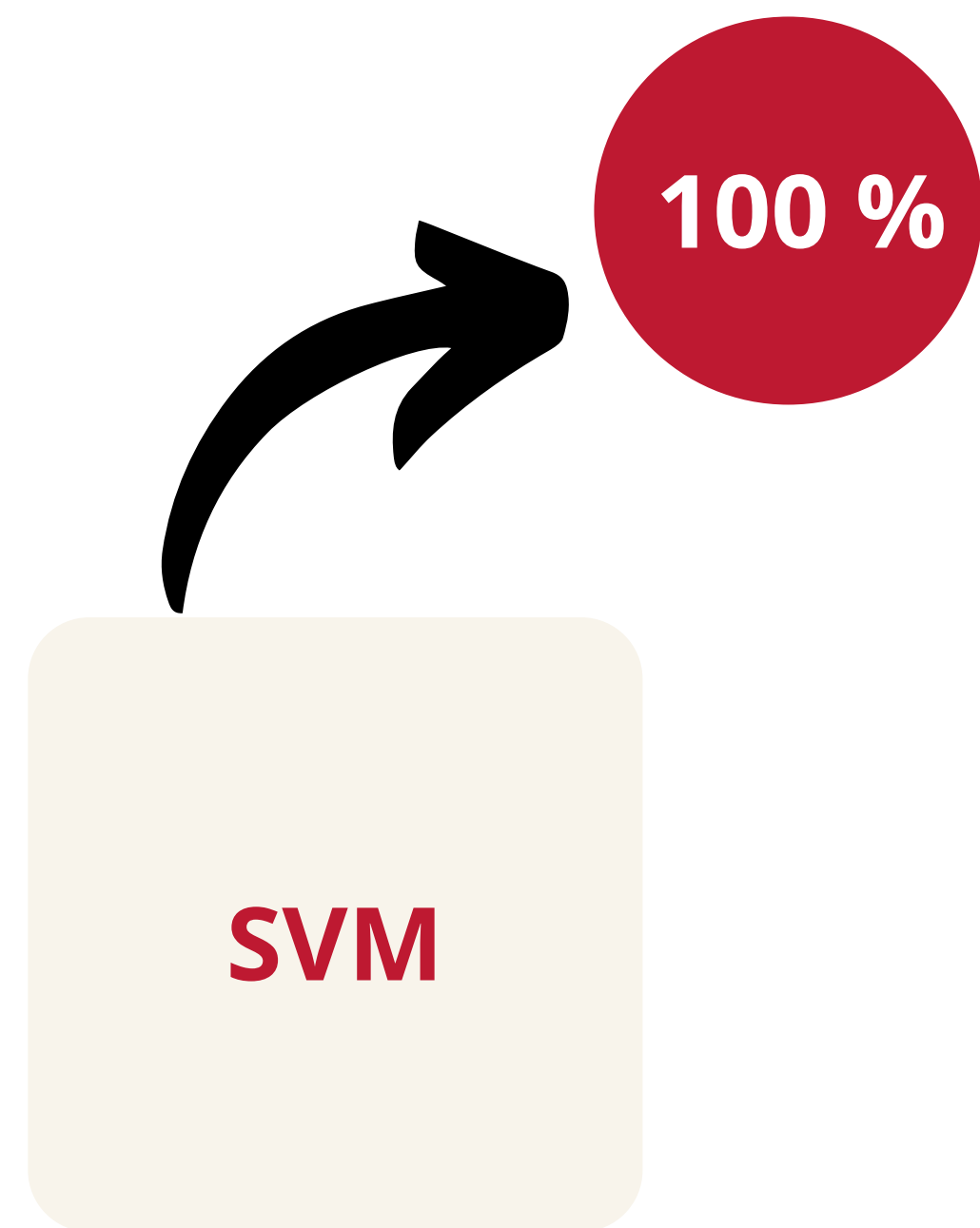
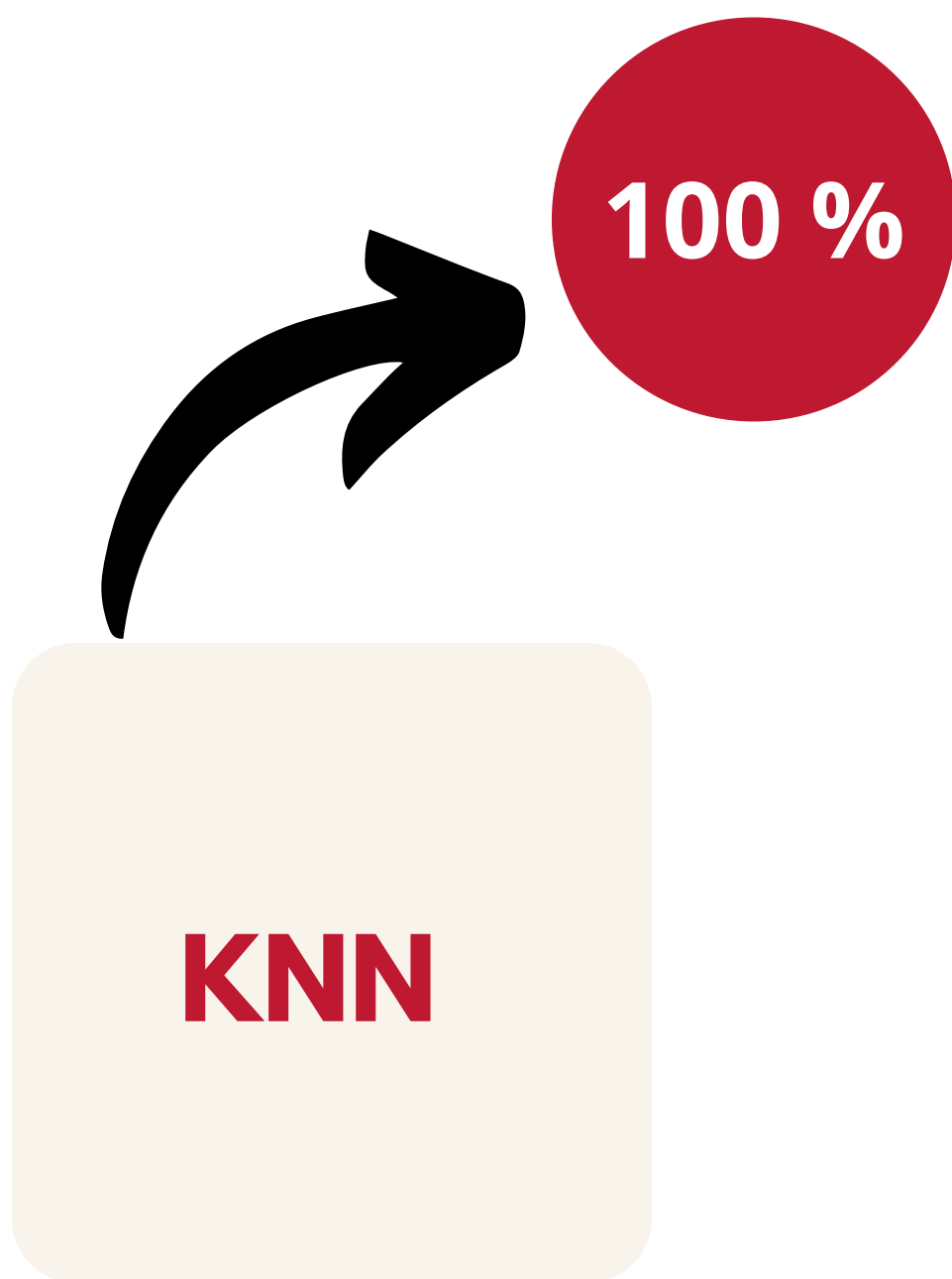


Accuracy





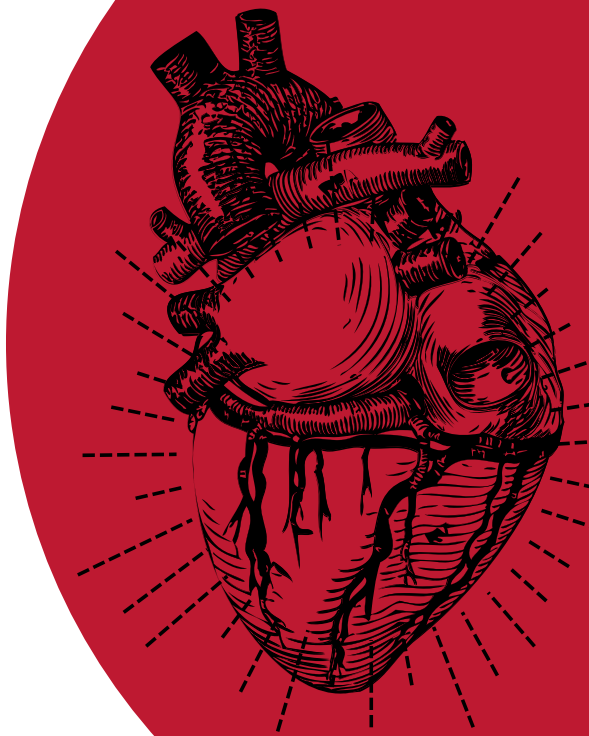




Results

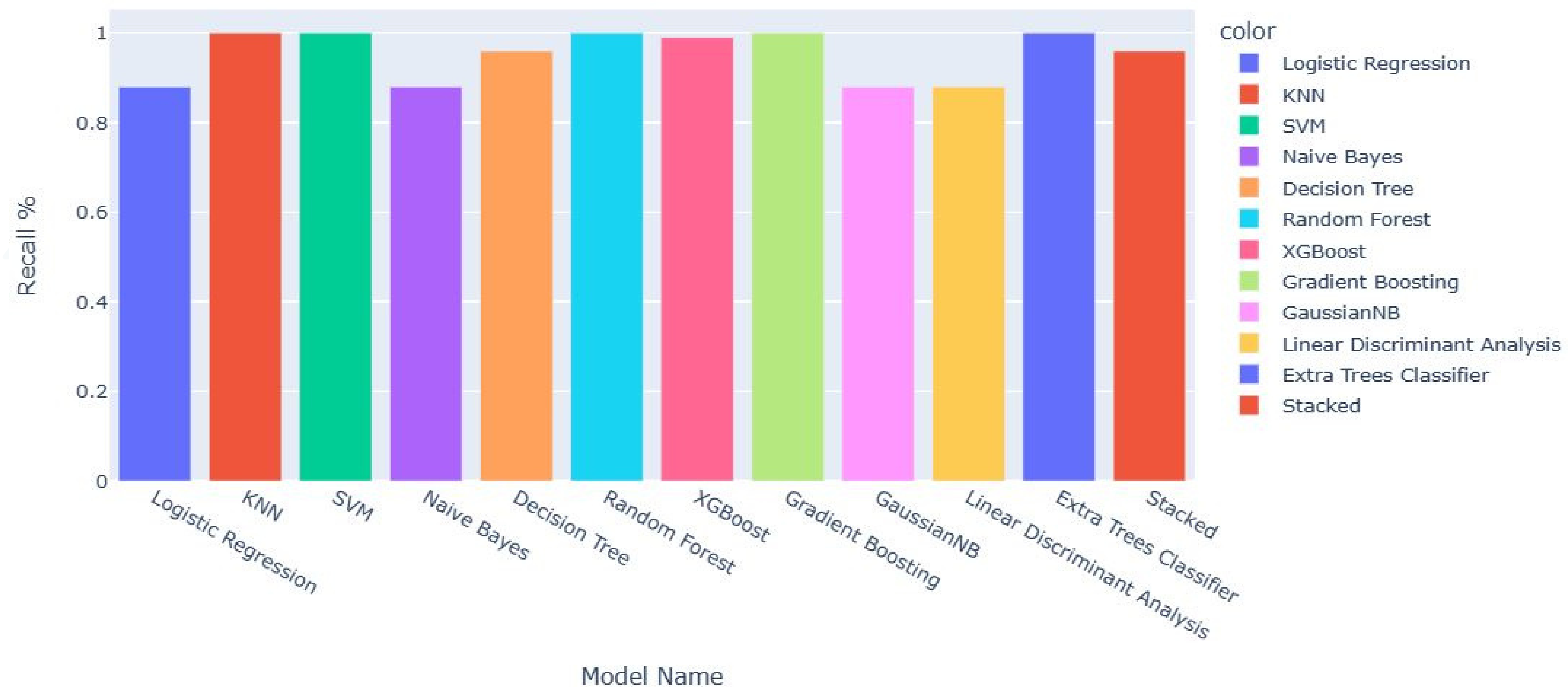


Minimize the number of
false predictions for people
with heart disease



		Predicted	
		no disease	disease
Actual	no disease	TN	FP
	disease	FN	TP

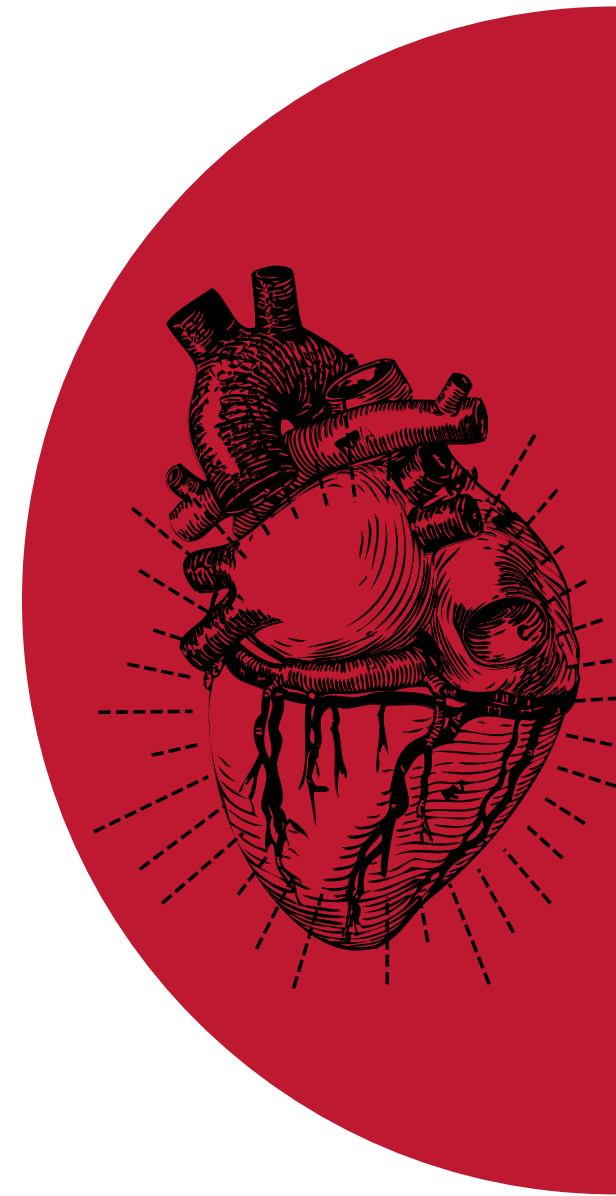
confusion matrix



Future Work



People with a high
risk of heart disease



Thank you..

Any questions?



Rania Almneie

data scientist



Hanadi Alshahrani

data scientist



Najd Alqahtani

data scientist