Heart Disease Detection BIG DATA ANALYTICS

NAVTTC,FJWU – NEURON SOLUTIONS INTERNSHIP PROJECT



GROUP MEMBERS

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NTRODUCTION

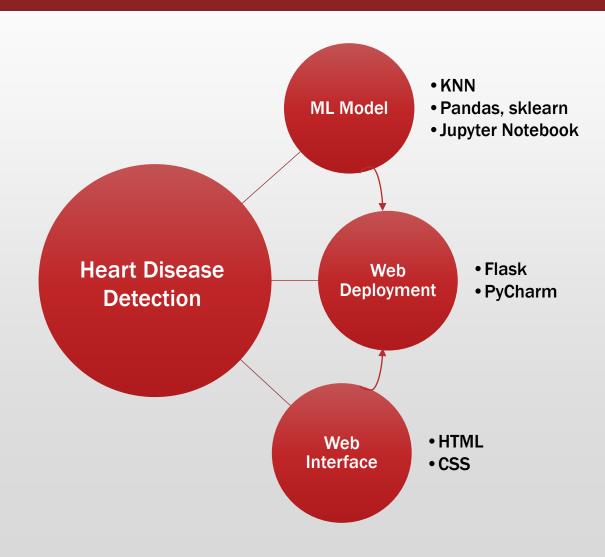
- Several types of heart problems are referred to as Heart disease.
- ▼ By analyzing the data and classifying whether or not a person has heart disease using machine learning algorithm, this study aims to predict heart disease.

Algorithm Used

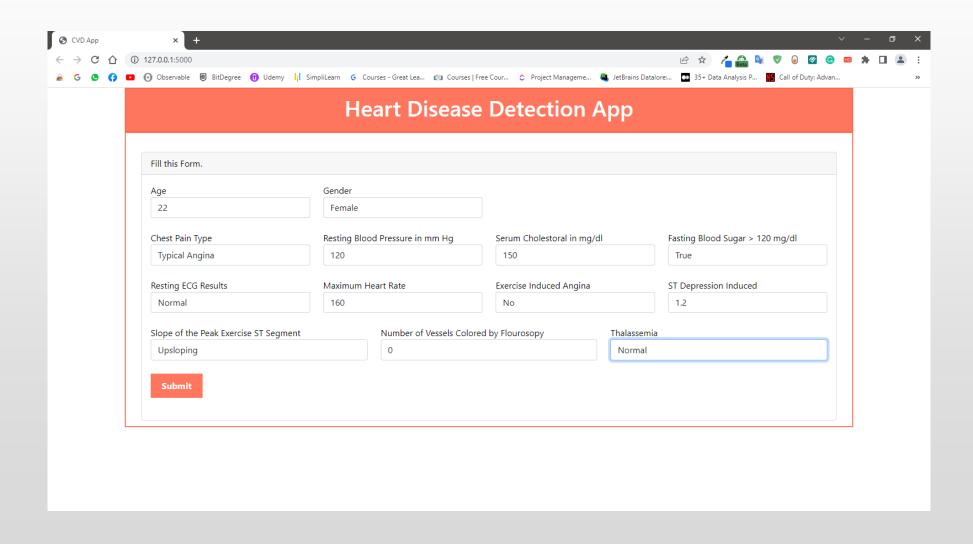
- We have applied several Machine Learning Algorithms on our Data.
 - KNN, RF, SVM, NB
- ▶ Based on accuracy score, we have chosen KNN to further use as the prediction model.

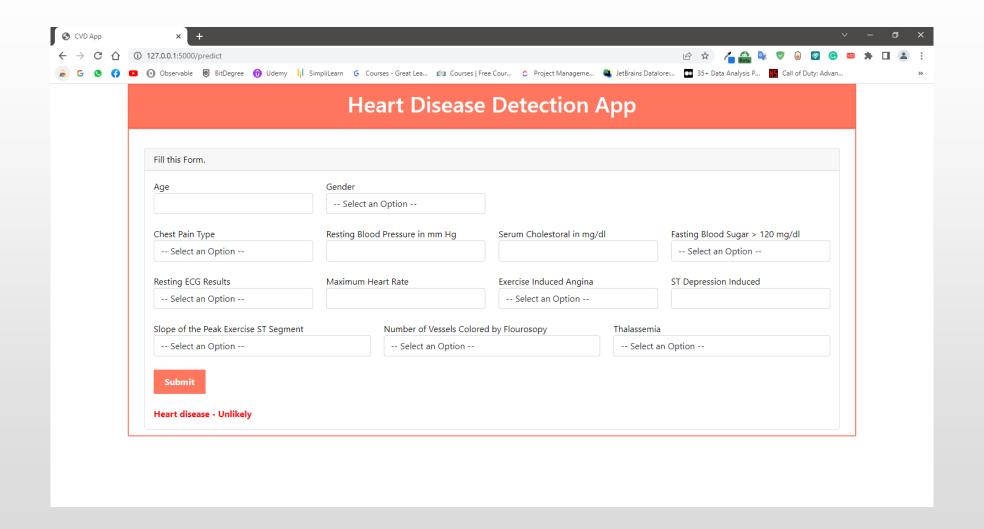
| Algorithm | Accuracy |
|------------------------|----------|
| KNN | 97.55% |
| Random Forest | 94.12% |
| Support Vector Machine | 89.71% |
| Naïve Bayes | 83.82% |

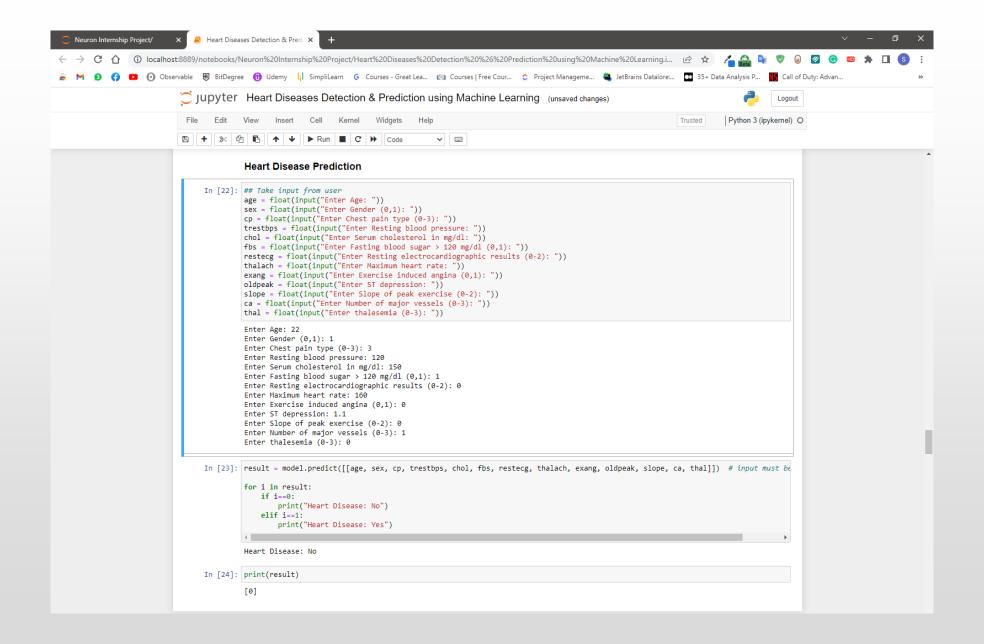
Tools & Technologies



Web Application







YouTube Video Link

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