Project

Heart Disease Prediction

▼ Dataset From Kaggle

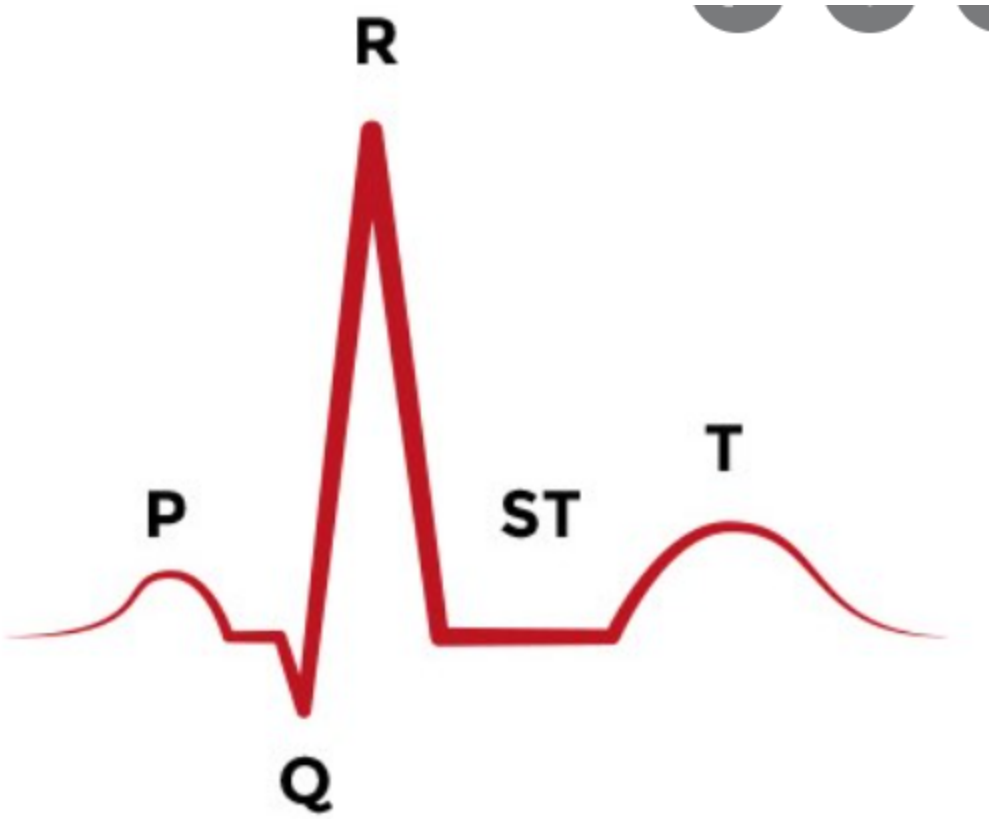
Heart Disease Dataset | Kaggle

Parameters

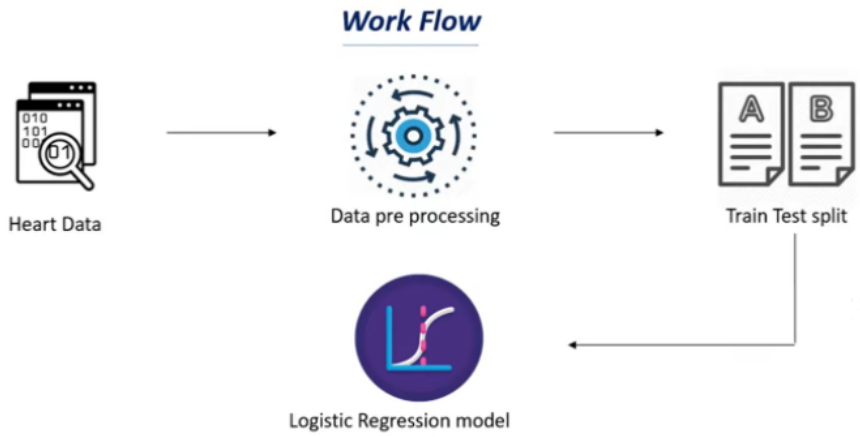
14 Columns of Dataset

1. age
2. sex
3. chest pain type (4 values)
4. resting blood pressure
5. serum cholestoral in mg/dl
6. fasting blood sugar > 120 mg/dl
7. resting electrocardiographic results (values 0,1,2)
8. maximum heart rate achieved
9. exercise induced angina
10. oldpeak = ST depression induced by exercise relative to rest
11. the slope of the peak exercise ST segment
12. number of major vessels (0-3) colored by flourosopy
13. thal: 0 = normal; 1 = fixed defect; 2 = reversable defect The names and social security numbers of the patients were recently removed from the database, replaced with dummy values.
14. Target (0= Healthy person, 1=Person with heart defect)

▼ Basic of ECG



it can have image processing



After Creating and Testing a Logistic Regression Model in Python ipynb file

we can move on to the UI Aspect of the Web App Deployment

We are Using Streamlit in Python Library

- command to run

  streamlit run "C:\THAPAR\Sem5\Machine Learning\Lab\Project\heart_ui.py”