

MINOR PROJECT | DEPARTMENT OF COMPUTER APPLICATION

MINOR PROJECT SYNOPSIS ON HEART DISEASE PREDICTION PROJECT

Under Guidance of Mr. Navneet sir

UNDER TAKEN BY

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REFERENCE

- 1. Kaggle**
- 2. Geeksforgeeks**
- 3. Youtube**
- 4. college teacher**

- **OBJECTIVE :** To make a model which prediction heard disease

- **INTRODUCTION :**

we have made A Machine Learning model which prediction whether a person have a heard disease or not . With the Help of this project we not only improve our technical skills but we also improve our softs skill like team work

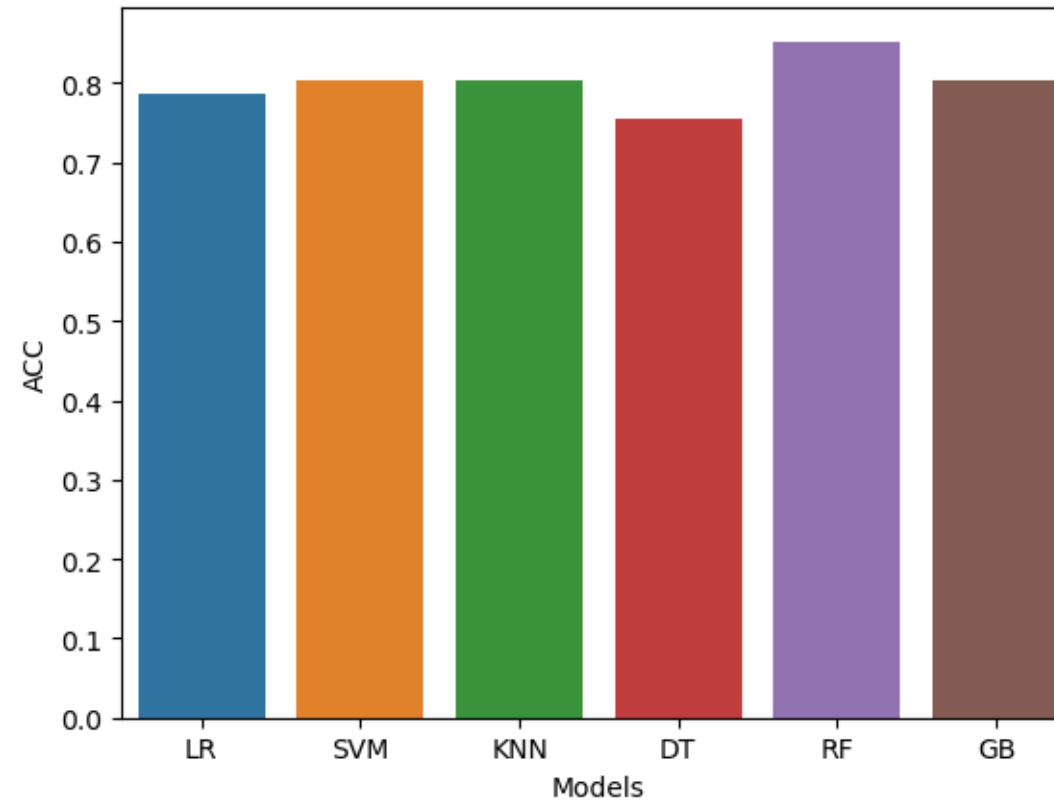
- **LEARNINGS :**

1. How to perform Data analysis
2. How to find a perfect data for model
3. How to split data in to test and train
4. How to chose best ML model
5. How to measures the accuracy of model

Technical Details

- Data Collocation : we have pick data from kaggle
- Then we clean data remove duplicate values and null values
- We split data set into train and test with the help of train data we make a mode and with the help of test data we measure the accuracy of model
- Then we make various ML model are
 1. Logistic Regression
 2. SVM
 3. KNeighbors Classifier
 4. Decision Tree classifier
 5. Random Forest Classifier
 6. Gradient Boosting Classifier

Accuracy of different Model



finally we chose Random forest algorithm because It is more accurate