| Student Name | Syed Owais Noor |
|--------------|-----------------|
| Student ID   | 10079           |

## **HEART DISEASE**

In my report I will be discussing about the accuracy I get after run machine learning (ML) algorithm on my dataset which is named as heart disease. I take this dataset from Kaggle it is having 918 rows and 12 column the name of the column are as follows:

- Age
- Sex
- Chest pain type
- Resting BP
- Cholesterol
- Fasting BS
- Resting ECG
- Max HR
- Exercise Angina
- Old peak
- St slope
- And last but not the least heart disease which is the targeted column in my dataset

Now I will be pasting my code below and in my code I have why I'm doing certain thing with the help of markups and headings:

https://drive.google.com/file/d/1\_xXtjYFL6b44IPX7HnxU0gECSJ4sIkfr/view?usp=sharing

The accuracy which I was having after running different ML algorithm on my dataset are listed in the table below:

| Algorithm Name      | Accuracy |
|---------------------|----------|
| Logistic regression | 84.78    |
| KNN                 | 84.78    |
| Random Forest       | 86.95    |
| Neural Network      | 82.608   |