**Explanation of Binary**

Stroke Dataset:

Sex: Female = 0, Male=1

Ever married: Yes = 1, No = 0

Work Type: Private = 1, Govt\_job = 0, Self-Employed = 2, Never\_worked = 3

Residence type: Urban = 1, Rural = 0

Smoking status: Formerly smoked = 0, Never smoked = 1, Smokes = 2, Unknown = 3

Insurance Dataset:

Sex: female = 0, male = 1

Smoker: yes = 1, no = 0

Heart Dataset:

Sex: Female= 0, Male = 1

Chest pain type: Typical angina = 1, atypical angina = 2, non-anginal pain = 3, asymptomatic = 0

Fasting blood sugar: True =1, False = 0

Resting electrocardiographic results: normal = 1, having ST-T wave abnormality = 2, hypertrophy = 0

Exercise induced angina: yes =1, no = 0

old peak: increments on 0.6 from base line to the line of slope

Slope: upsloping = 1, flat = 1, downsloping= 0

Major vessels colored by fluoroscopy: 0-3

Thalassemia: normal = 2, fixed defect = 1, reversable defect = 3

Diagnosis: < diameter narrowing = 0, > 50% diameter narrowing = 1