Heart Disease Dataset Attributes

1. Age: **(N)** age in years
2. Sex: **(categorical)** 1 = male, 2 = female
3. Cp: **(categorical)** chest pain type:
   * + - 0 = typical angina
       - 1 = atypical angina
       - 2 = non-anginal pain
       - 3 = asymptomatic
4. Trestbps: **(N)** resting blood pressure (in mm Hg on admission to hospital)
5. Chol: **(N)** serum cholesteral in mg/dl
6. Fbs: **(categorical)** (fasting blood sugar > 120) 1 = true, 0 = false
7. Restecg: **(categorical)** Resting electrocardiographic results
   * + - 0 = normal
       - 1 = having ST-T wave abnormality
       - 2 = showing probably or definite left ventricular hypertrophy by Estes’
8. Thalach: **(N)** maximum heart rate achieved
9. Exang: **(categorical)** exercise induced angina 1= yes, 0 = no
10. Oldpeak: **(N)** ST depression induced by exercise relative to rest
11. Slope: **(categorical)** The slope of the peak exercise ST segment
    * + - 1 = upsloping
        - 2 = flat
        - 3 – downsloping
12. Ca: **(categorical)** number of major vessels (0-3) coloured by flouroscopy
13. Thal: **(categorical)** Thalium, a radioactive tracer injected during a nuclear stress test
    * + - 1 = normal
        - 2 = fixed defect
        - 3 = reverseable defect
14. Target: **(categorical)** diagnosis of heart disease (angiographic disease status)
    * + - 1 = <50% diameter narrowing (of any coronary artery)
        - 0 = >50% diameter narrowing (of any coronary artery)