**Description of the Dataset:**

The dataset consists of 303 individuals data. There are 14 columns in the dataset, which are described below.

1. **Age**: displays the age of the individual.
2. **Sex**: displays the gender of the individual :

male  
 female

1. **Chest-pain type**: displays the type of chest-pain experienced by the individual using the following format :  
   1 = typical angina  
   2 = atypical angina  
   3 = non — anginal pain  
   4 = asymptotic
2. **Resting Blood Pressure**: displays the resting blood pressure value of an individual in mmHg (unit)
3. **Serum Cholestrol**: displays the serum cholesterol in mg/dl (unit)
4. **Fasting Blood Sugar**: compares the fasting blood sugar value of an individual with 120mg/dl.  
   If fasting blood sugar > 120mg/dl then : 1 (true)  
   else : 0 (false)
5. **Resting ECG**: displays resting electrocardiographic results  
   0 = normal  
   1 = having ST-T wave abnormality  
   2 = left ventricular hyperthrophy
6. **Max heart rate achieved**: displays the max heart rate achieved by an individual.
7. **Exercise induced angina** :  
   1 = yes  
   0 = no
8. **ST depression induced by exercise relative to rest**: displays the value which is an integer or float.
9. **Peak exercise ST segment** :  
   1 = upsloping  
   2 = flat  
   3 = downsloping
10. **Number of major vessels (0–3) colored by flourosopy** : displays the value as integer or float.
11. **Thal** : displays the thalassemia :  
    3 = normal  
    6 = fixed defect  
    7 = reversible defect
12. **Diagnosis of heart disease** : Displays whether the individual is suffering from heart disease or not :  
    0 = absence  
    1 = present.