**About Heart Attack dataset**

1. age - age in years

2. sex - sex (1 = male; 0 = female)

3. cp - chest pain type (1 = typical angina; 2 = atypical angina; 3 = non-anginal pain; 0 = asymptomatic)

4. trestbps - resting blood pressure (in mm Hg on admission to the hospital)

5. chol - serum cholestoral in mg/dl

6. fbs - fasting blood sugar > 120 mg/dl (1 = true; 0 = false)

7. restecg - resting electrocardiographic results (1 = normal; 2 = having ST-T wave abnormality; 0 = hypertrophy)

8. thalach - maximum heart rate achieved

9. exang - exercise induced angina (1 = yes; 0 = no)

10. oldpeak - ST depression induced by exercise relative to rest

11. slope - the slope of the peak exercise ST segment (2 = upsloping; 1 = flat; 0 = downsloping)

12. ca - number of major vessels (0-3) colored by flourosopy

13. thal - 2 = normal; 1 = fixed defect; 3 = reversable defect

14. num - the predicted attribute - diagnosis of heart disease (angiographic disease status) (Value 0 = < diameter narrowing; Value 1 = > 50% diameter narrowing)