**Heart Attack – EDA**

#### **1. Data Dictionary**

age - Age of the patient

sex - Sex of the patient

cp - Chest pain type ~ 0 = Typical Angina, 1 = Atypical Angina, 2 = Non-anginal Pain, 3 = Asymptomatic

trtbps - Resting blood pressure (in mm Hg)

chol - Cholestoral in mg/dl fetched via BMI sensor

fbs - (fasting blood sugar > 120 mg/dl) ~ 1 = True, 0 = False

restecg - Resting electrocardiographic results ~ 0 = Normal, 1 = ST-T wave normality, 2 = Left ventricular hypertrophy

thalachh - Maximum heart rate achieved

oldpeak - Previous peak

slp - Slope

caa - Number of major vessels

thall - Thalium Stress Test result ~ (0,3)

exng - Exercise induced angina ~ 1 = Yes, 0 = No

output - Target variable

#### **1.2 Task**

To perform EDA and predict if a person is prone to a heart attack or not.