

Lab Exercise-1

1. Download the cleveland.data file from the classroom.
2. Read the file as a csv file in jupyter notebook.
3. Assign appropriate column names to the dataframe. (Since nice column names would make it easier to know how to format the data, let's replace the column numbers with the following column names:
 - **age**,
 - **sex**,
 - **cp**, chest pain
 - **restbp**, resting blood pressure (in mm Hg)
 - **chol**, serum cholesterol in mg/dl
 - **fbs**, fasting blood sugar
 - **restecg**, resting electrocardiographic results
 - **thalach**, maximum heart rate achieved
 - **exang**, exercise induced angina
 - **oldpeak**, ST depression induced by exercise relative to rest
 - **slope**, the slope of the peak exercise ST segment.
 - **ca**, number of major vessels (0-3) colored by fluoroscopy
 - **thal**, this is short of thalium heart scan.
 - **hd**, diagnosis of heart disease, the predicted attribute
4. Identify the missing values if any and handle the problem by appropriate methods.