# Insights Form Red Wine Quality:

Red wine has various components and assuming that the variables are measured based on grams/ liters.

Performance Classification:

There are 11 main components that is included in the process of making a red wine and 1 target variable which tells the quality of the wine. And divided the data into train and test, where I took 25% of my data as test data.

Accuracy:

There is a slight change in accuracy by 0.00851 when we used NN model. It means the accuracy has decreased or changed when the hidden layers to perform the task is decreased or changed every time

Confusion matrix:

It has been told that higher the diagonal of the metric is better the prediction and which indicates many correct predictions and my confusion matrix is in 6X6 metric.

Confusion matrix helped me to understand that metric but the difference between both normal matrix and with Neural network has changed the values with slight changes but at what variable there is a false negatives unable to identify but by seeing the variance or difference it is understood that impliedly it is near Free sulfur dioxide and Total Sulfur dioxide and also near pH and Sulphates.