

# Dataset

Red Wine Quality Dataset from kaggle-

<https://www.kaggle.com/uciml/red-wine-quality-cortez-et-al-2009>

## Instructions:-

1. Import the dataset.
2. Data quality check:
  - a. Check if null values are present. If there are, drop those rows.
3. Exploratory Data Analysis:
  - a. Univariate Analysis:
    - i. Draw a minimum of 5 histograms .
    - ii. Draw boxplots for each numerical columns.
  - b. Bivariate analysis:
    - i. Draw a minimum of 5 scatter plots
4. Modelling:
  - a. Split the dataset using "train-test-split" function.
  - b. Apply KNN classification on "quality" column of the dataset. Select the appropriate features
  - c. Predict on the test set.
  - d. Find out the accuracy.