

**Goal:** Predict whether the wine quality is good or bad.

**How quality of wine will be decided?**

Wine quality is predicted based upon the certain features.

**Information about the data:**

- Data has 12 columns and 1599 rows.
- Calculated counts of each entry from the respective feature.
- Calculated count of unique entries from the features.

**Visualization of Categorical Features:**

- Plotted distribution of categorical features.
- Plotted correlation matrix plot

**Data Pre-processing:**

- Data is encoded.

**Splitting of Data:**

Data is split with a test size of 10%.

**Building of Classifier:**

Random forest classifier is prepared.