

Classification dataset

The dataset aims at predicting the quality of the wine based on various physiochemical variables of the wine. The dataset consist of 10 classes. Following task has to be performed to get the prediction.

- a) Read the data
- b) Fill the null values in a column with the median value.
- c) One hot Encode the Categorical Column
- d) Split the data into train and test (Use test size = 0.2 and random state = 42)
- e) Fit the Decision Tree and Random Forest Classifier. (Use random state = 42)
- f) Use accuracy score to evaluate the model performance.