

Wine Quality Predicting

An exercise to predict the quality of red and white Vinho Verde wine.

About the code

This project utilizes two datasets, one for red wines and one for white wines. The datasets can be found in the Data subfolder. The classes in the dataset are unbalanced. To accommodate this SMOTE is utilized to balance the classes. KNN and random forest models are then utilized to predict the quality of the wines.

Libraries Required

- Pandas
- Sklearn
- Matplotlib
- Seaborn
- SMOTE