

Wine prediction Readme

- Files Contain the folder knight are:-
 - Zdf_text2.pkl – Final Train data
 - Zmodel_random_forest.pkl - Saved Model for Random Forest
 - Zmodel_svm.pkl- Saved Model for SVM
 - Ztest_df.pkl - file for text processing for test data
 - Ztrain_txt_df.pkl - file for text processing for train
 - Ztst_text2.pkl - Final Test data
 - code_wine_variety.ipynb – Code file

- I have saved the data in pickle file so that accessing and compiling the code will be easier.
- Training of two models took 12 hours of time. So I saved those models in name:-
 - [Zmodel_svm.pkl](#)- Saved Model for SVM
 - [Zmodel_random_forest.pkl](#) - Saved Model for Random Forest

So you can run the code section directly which only loads the trained model.

- I have included the plots and insights in jupyter notebook.
- Models score and predicted labels are also included in the notebook.