Rachman, M. A. (2023, July 14). Wine Quality Prediction with Machine Learning Model.

Medium.

https://medium.com/@m.ariefrachmaann/wine-quality-prediction-with-machine-learning-model-10c29c7e3360

M. Arief Rachma Ann's Medium article titled "Wine Quality Prediction with Machine Learning Model" talks about this. The predictive model is generated on the basis of a set of ensemble techniques for wine features building.

Here, a dataset is employed comprising of variables like acid ration, alcohol volume or alcohol percentage and others that characterize most wines qualities. It consists of employing machine learning instruments like a random forest and SVM in making and evaluating the predictor model.

The article gives a thorough description of each step of data pre-processing, feature selection, modeling as well as evaluation, respectively, The author then divides the data into a train set and a test set in order to assess the predictive power of all these models.r

Besides, this article shows some illustrations on the most important factors affecting the wine quality. Improved model quality through feature engineering and parameter tuning.

This article serves as an informative handbook for individuals seeking information on predicting wine qualities through machine learning techniques. This is a clear indication of the significance attached to data-based decision making in the wine industry; it also sheds lights on the application of prediction models in evaluation and improvement of wines for vintners and wine lovers.