

HW3

1. For the wine dataset (<https://archive.ics.uci.edu/ml/datasets/Wine>), please train a model with the algorithms you have learned now with scikit-learn to classify three kinds of wine. The number of features to train the model is open in this question.

Please provide enough information for the model development and testing. For example:

1. Preprocessing of dataset (# of features used in the model, dataset partitioning, feature scaling, ...)
2. Why you choose the algorithm to develop the model? How do you select the parameters
3. Performance of the model you developed.
4. ...