

LAB 1

Wine quality dataset:

[Wine Quality - UCI Machine Learning Repository](#)

1. Shuffle the dataset
2. Predict **if its red or white wine** given its chemical metrics. Make sure you take out the wine type as an input this time!
3. Predict the **quality** of wine given its chemical metrics, using the last 200 lines after shuffling as testing data. Make sure to include the wine type as an input!
4. Use either Logistic or Linear Regression for tasks 2 and 3 (you decide!)

Bonus: Use Polynomial Regression (`sklearn.preprocessing.PolynomialFeatures`) and tune hyperparameters.

[Lab 2 Level 1](#)

(with guidance)

[Lab 2 Level 2](#)

(no guidance)