Lab 7

Goal: Test out K-means clustering and PCA on the wine quality dataset

Now it's your turn with the wine dataset:
1. Use K-means clustering and see how similar it is to the actual classes and try different values of k.
2. Use PCA to remove different numbers of dimensions and see how it affects accuracy. Feel free to explore different classifiers (and different hyperparameters.)
3. Plot the data using two dimensions after PCA, with different colors for each type.

co Lab 7 level 1

(guidance)

co Lab 7 Level 2

(no guidance)