



Data Analytics

109-2 Homework #08

Due at 23h59, May 16, 2021; files uploaded to NTU-COOL

1. (45%) Practice and discuss the results of Logistic Regression (LR), k -Nearest Neighbors (k NN), and Support Vector Machine (SVM) on the ORL face dataset.
2. (30%) Considering the parsimonious principle in modeling, set up LR, k NN, and SVM models using as few variables (pixels) to get as close as possible to the results in EX1.