WQD.6 - Classification

Sample R code for Classification

Nearest neighbor classifier is used with three levels (Low, Medium, High) of quality. It turned out that for k = 5, test data misclassification rate is lowest, when all predictors are being used.

Test Data	Quality Classification		
	Low	**Medium**	**High**
Low	293	185	46
Medium	267	595	215
High	44	159	233
Accuracy	(293 + 595 + 233) / 2037 = 55%		

Source URL: https://onlinecourses.science.psu.edu/stat857/node/229