CS 4342 Homework 1

n	trainingAccuracy on first n examples	testingAccuracy
400	0.8275	0.711159
800	0.8025	0.7407
1200	0.79833	0.74945
1600	0.78875	0.763676
2000	0.7825	0.76422

Accuracy Comparison
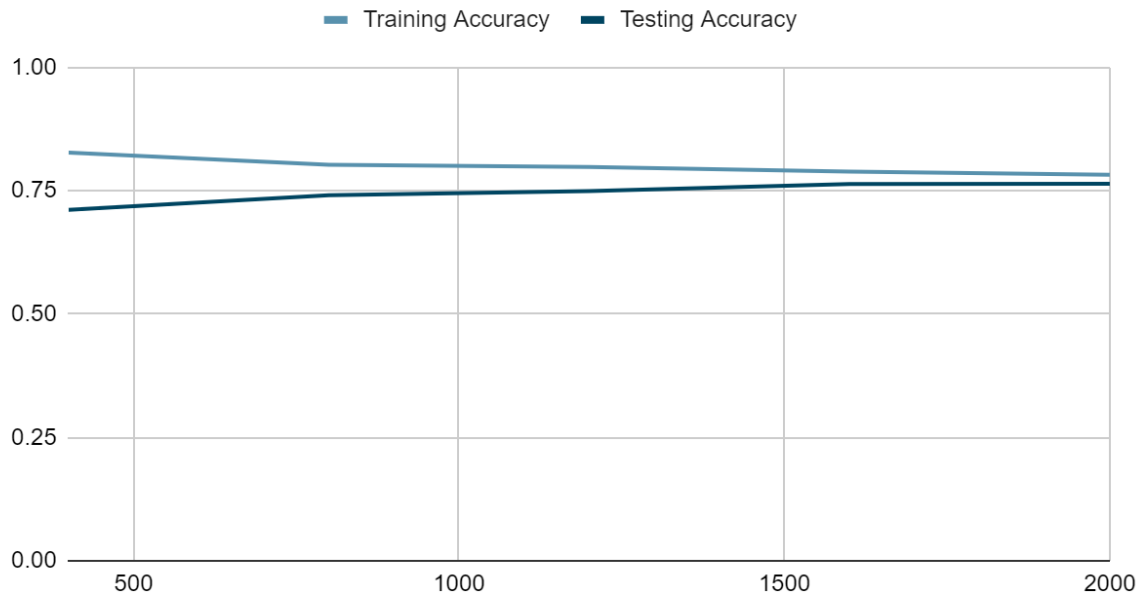
Here, the training accuracy is clearly decreasing as a function of n. On the other hand, the testing accuracy is increasing as a function of n.

The two curves show opposite behavior but as the value of n increases, they tend to intersect and maybe overlap.

The best 5 features are visualized here: