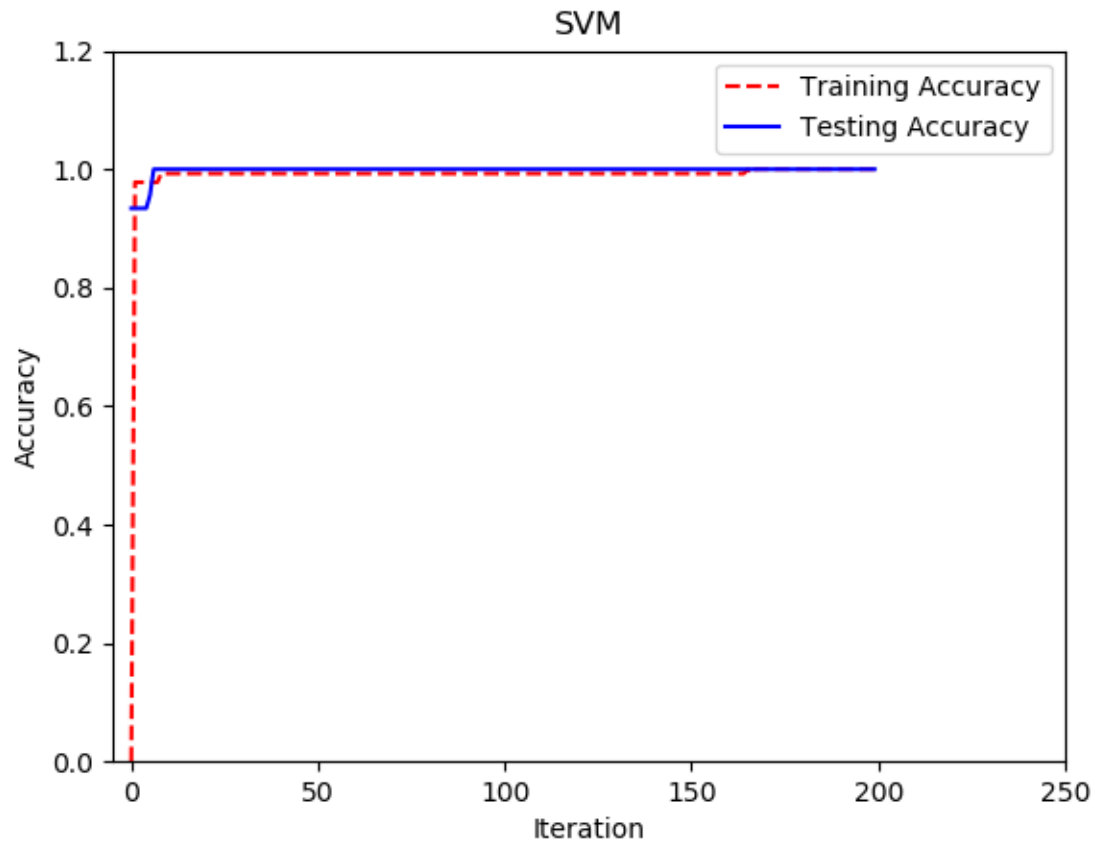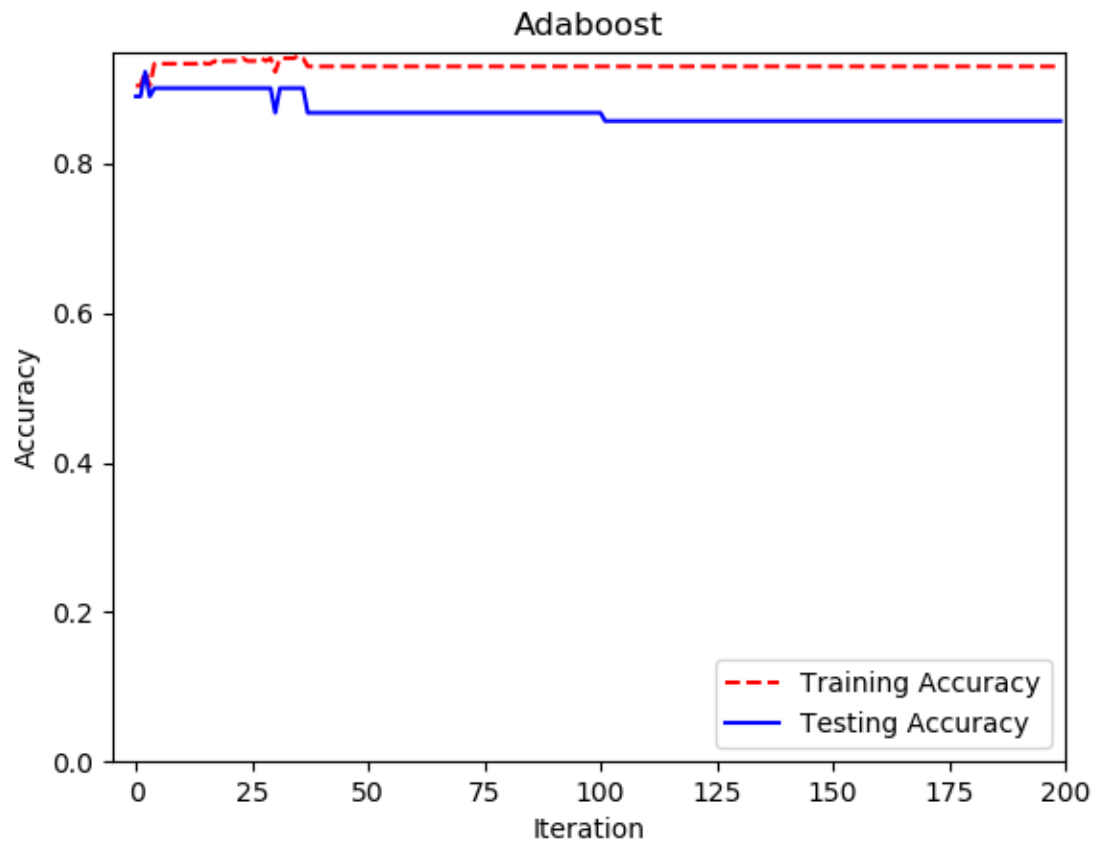# STATS202A HW 9

Bhargav Parsi (804945591)

1) Result of SVM:

Since SVM has a regularization parameter we can say that it does not overfit the data. It is clearly visible from the graph.

2) Result of Adaboost:

We can see that Adaboost can be sensitive to noisy data and outliers because, after reaching a maximum accuracy, it decreases due to outliers unlike SVM. We can also conclude that Adaboost overfits the data if lot of weak classifiers are used.