Jarod Klion

Homework 7

February 23rd, 2022

1.

Gisette Dataset
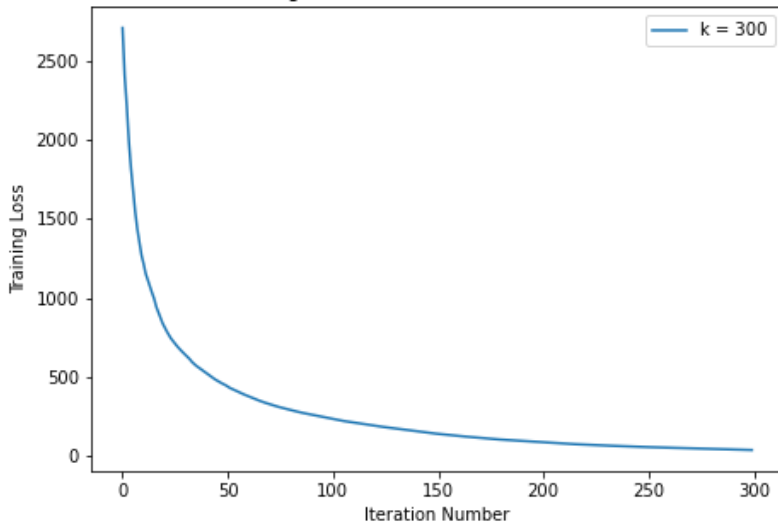
K	Train Error	Test Error
10	0.074667	0.087
30	0.033667	0.038
100	0.0125	0.03
300	0	0.027
500	0	0.025

2.
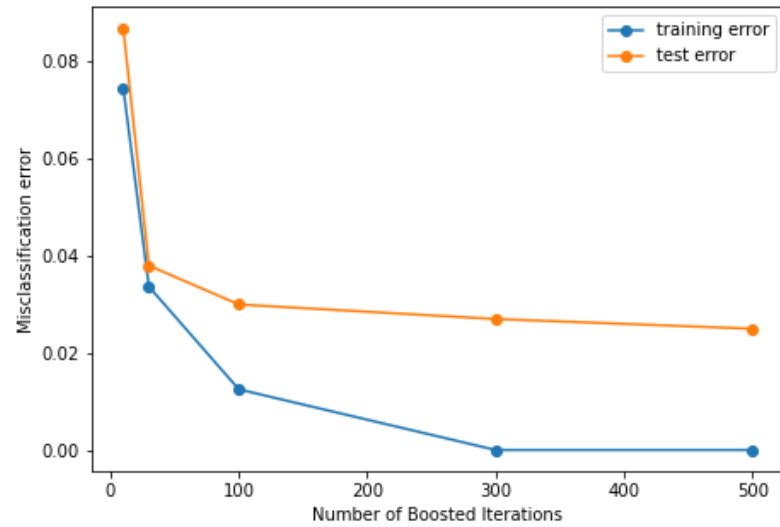
Dexter Dataset

Training Loss vs Boosted Iteration Number
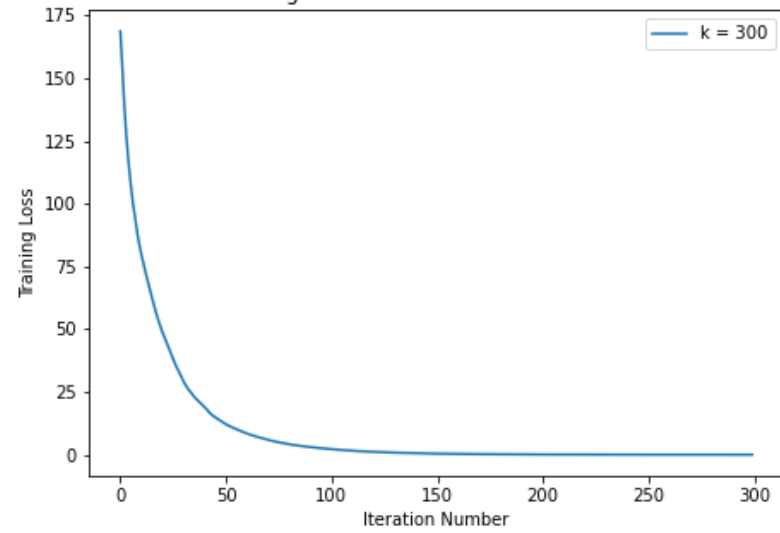
Misclassification Error vs Boosted Iterations

K	Train Error	Test Error
10	0.073333	0.106667
30	0.003333	0.093333
100	0	0.09
300	0	0.083333
500	0	0.086667

3.

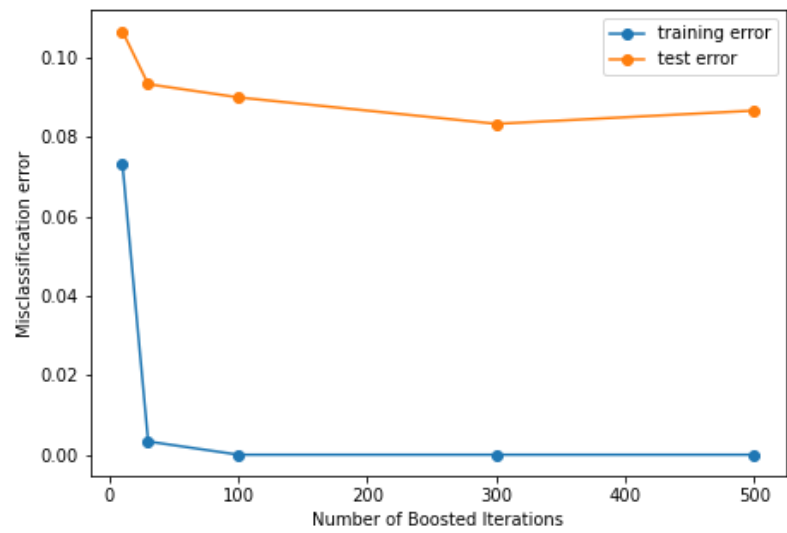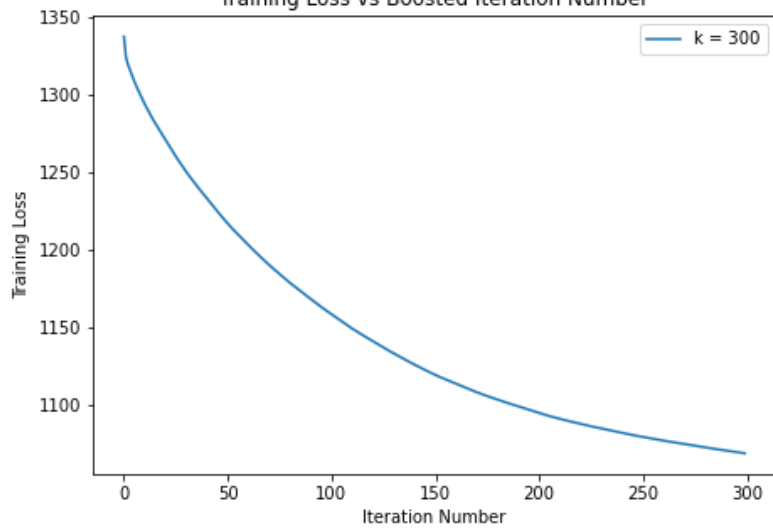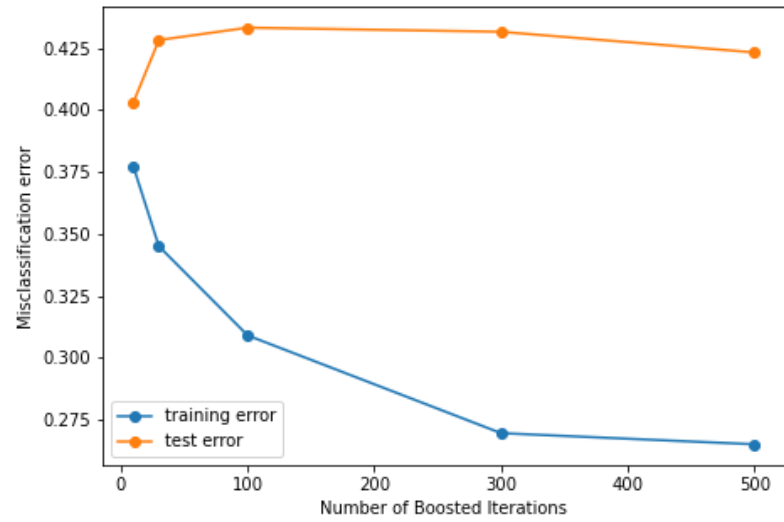## Madelon Dataset

Training Loss vs Boosted Iteration Number

Misclassification Error vs Boosted Iterations

K	Train Error	Test Error
10	0.377	0.403333
30	0.345	0.428333
100	0.309	0.433333
300	0.2695	0.431667
500	0.265	0.423333