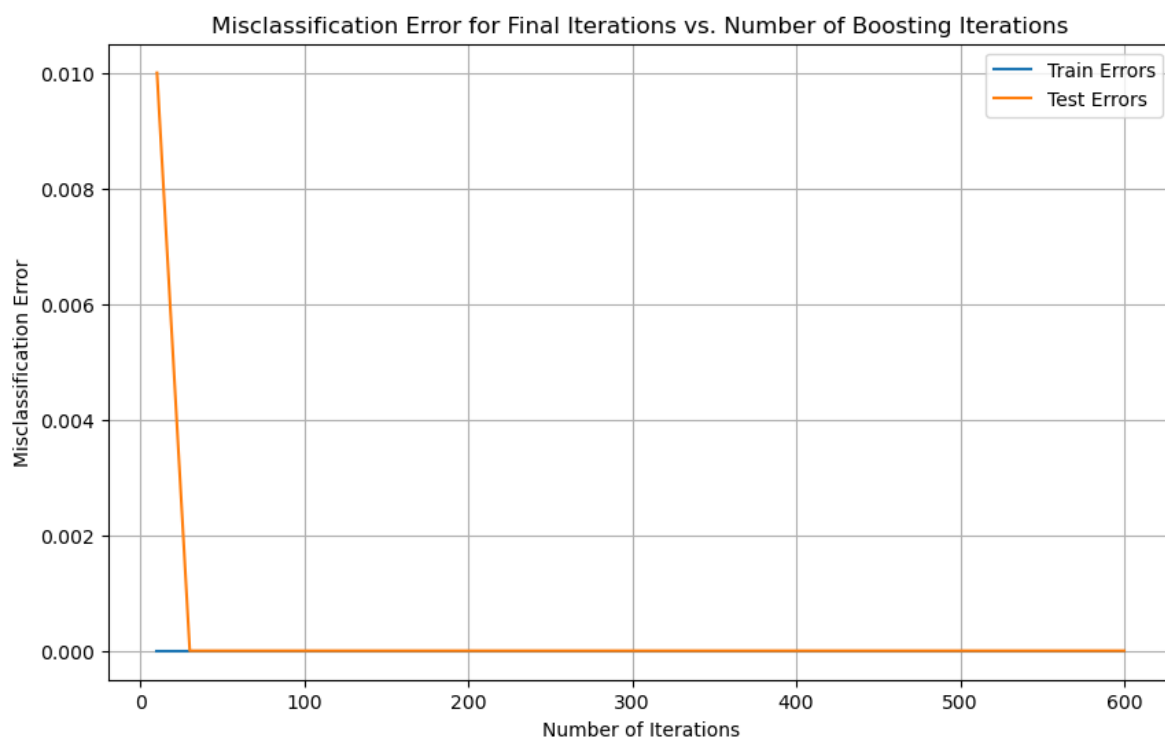
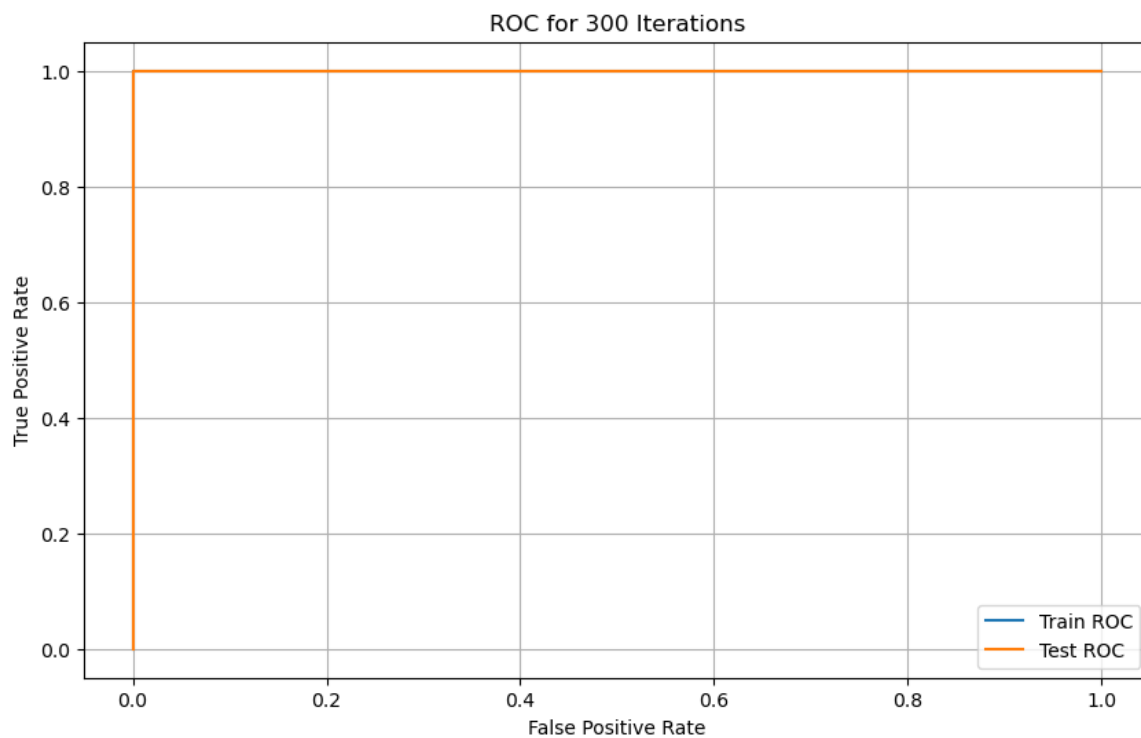
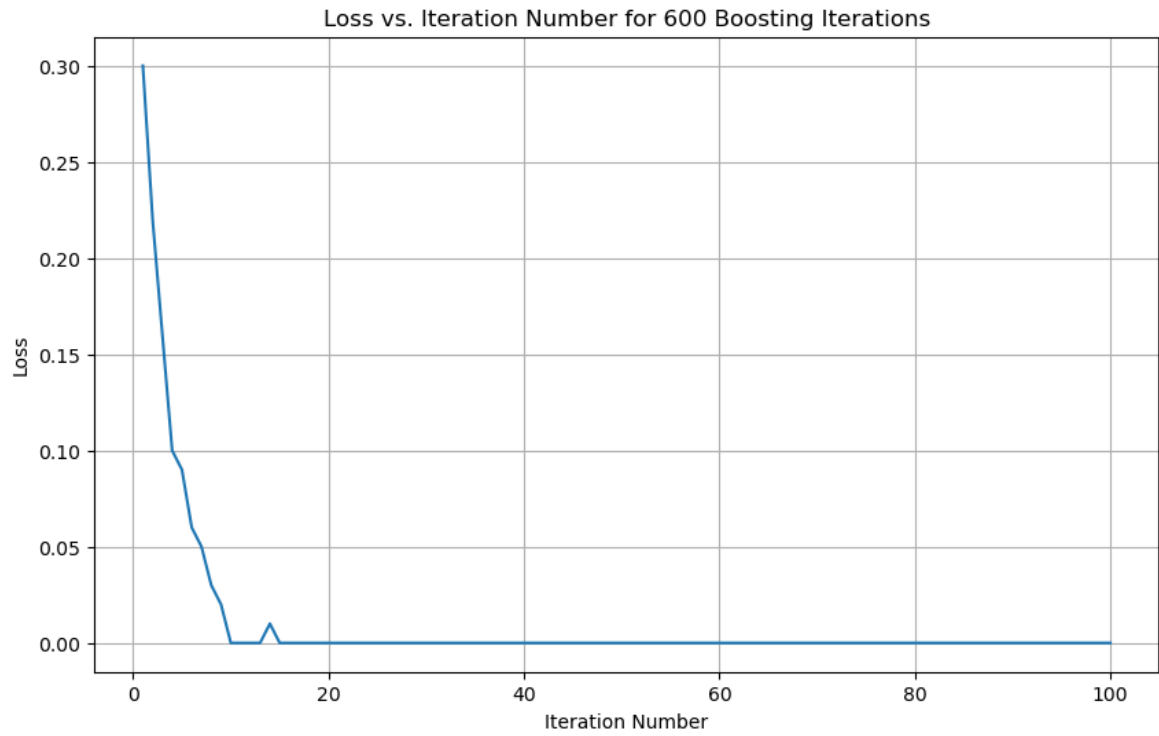


Homework 6

Evan Stansell

(a) Arcene dataset

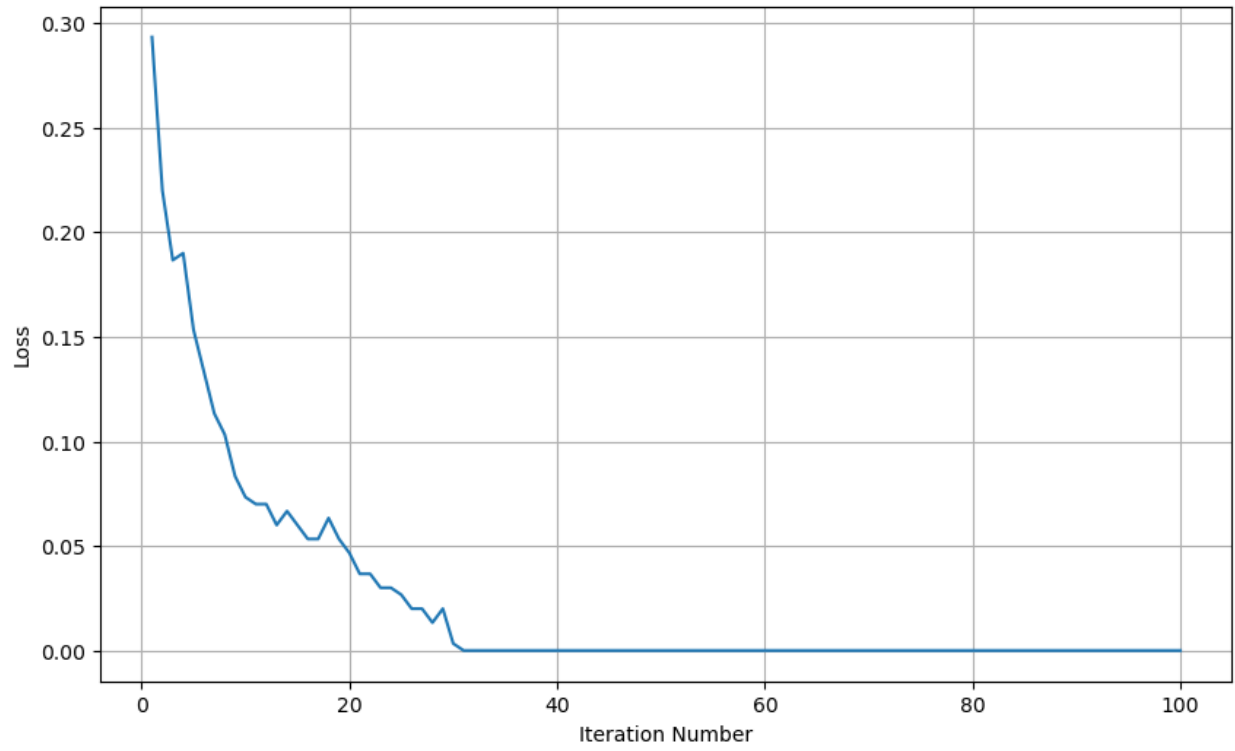




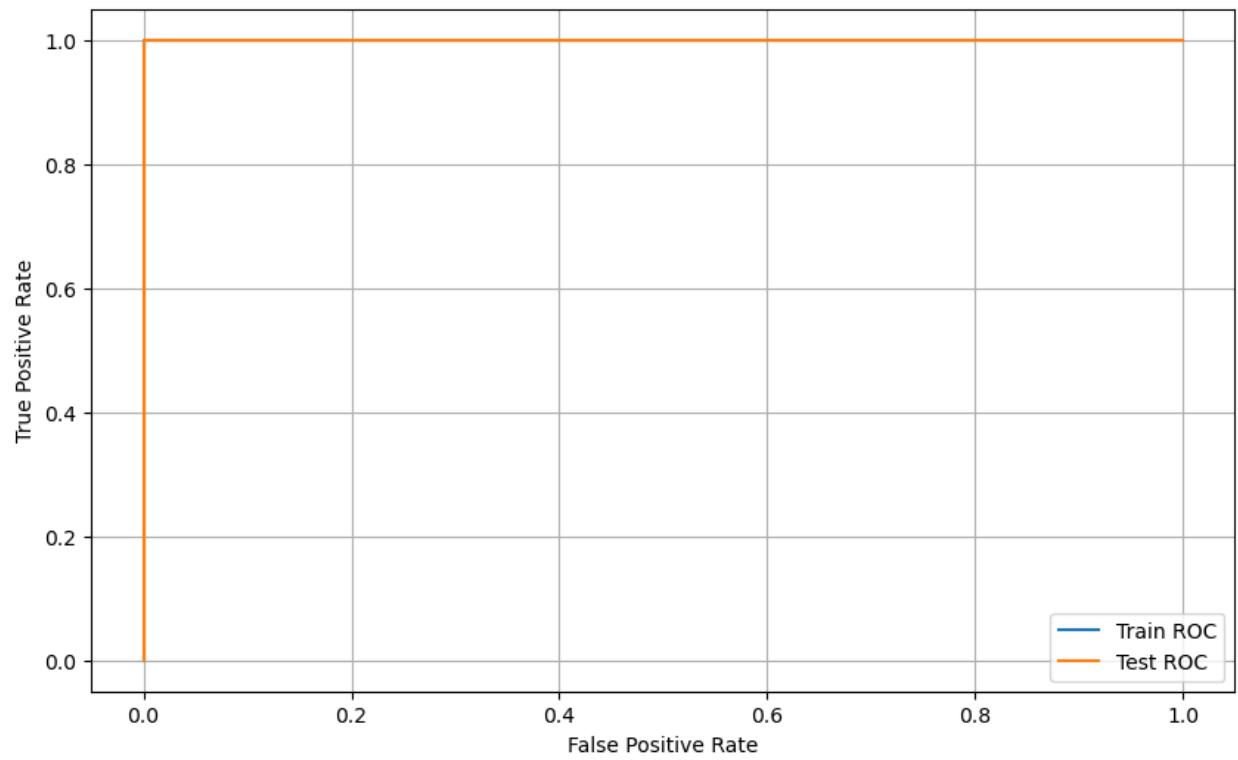
Iterations	Train Misclass	Test Misclass
10	0.00	0.01
30	0.00	0.00
100	0.00	0.00
300	0.00	0.00
600	0.00	0.00

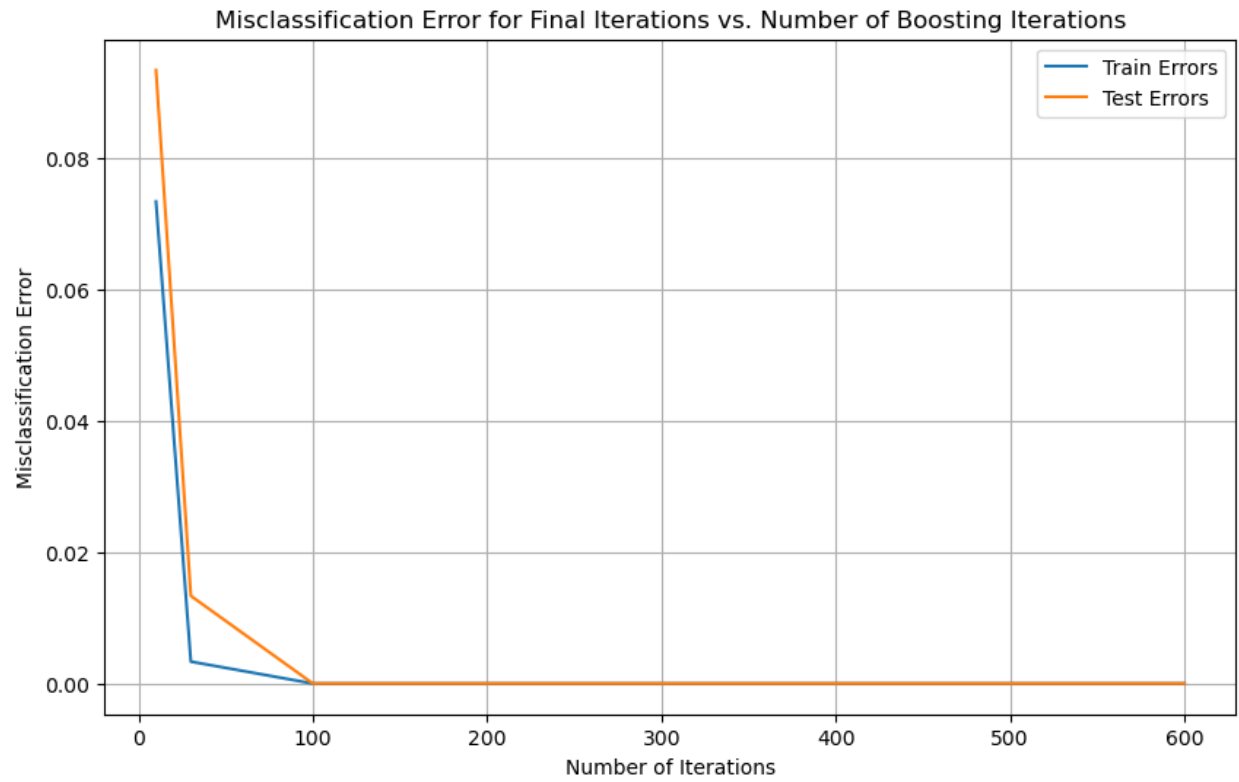
(b) Dexter dataset

Loss vs. Iteration Number for 600 Boosting Iterations



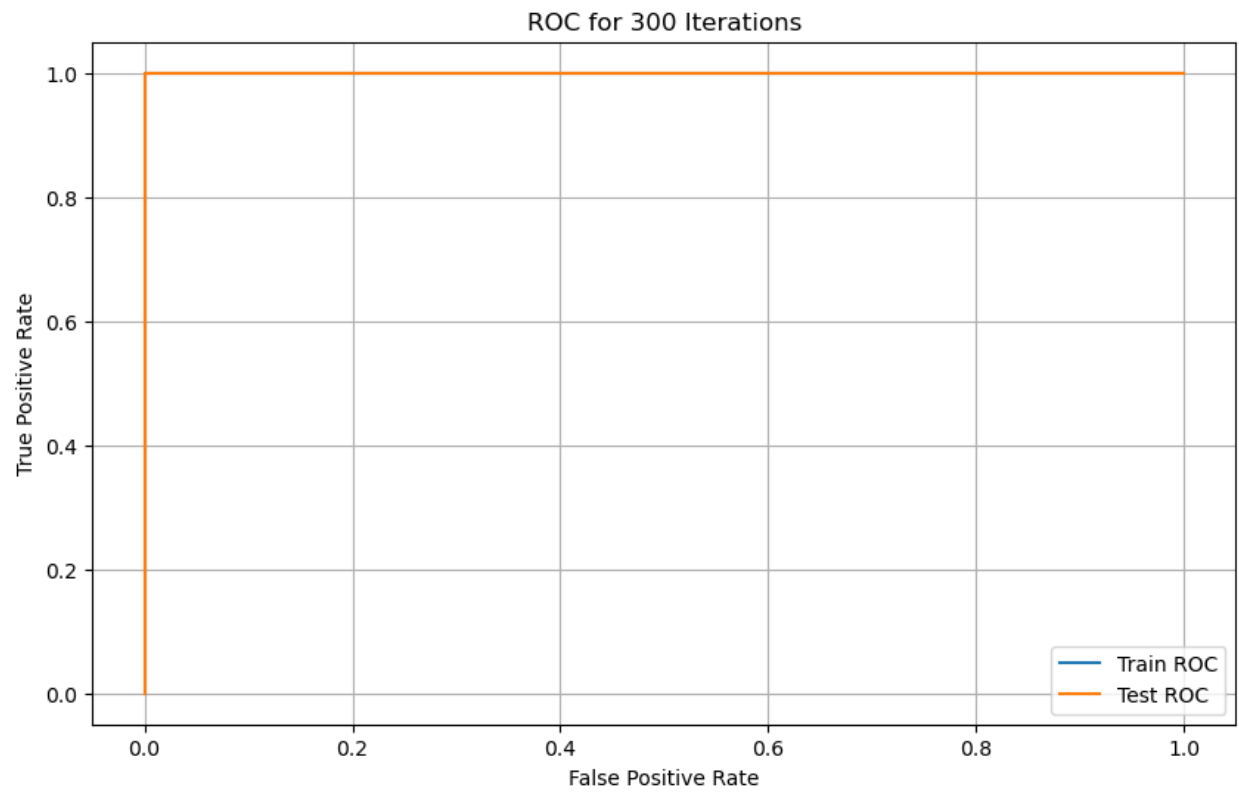
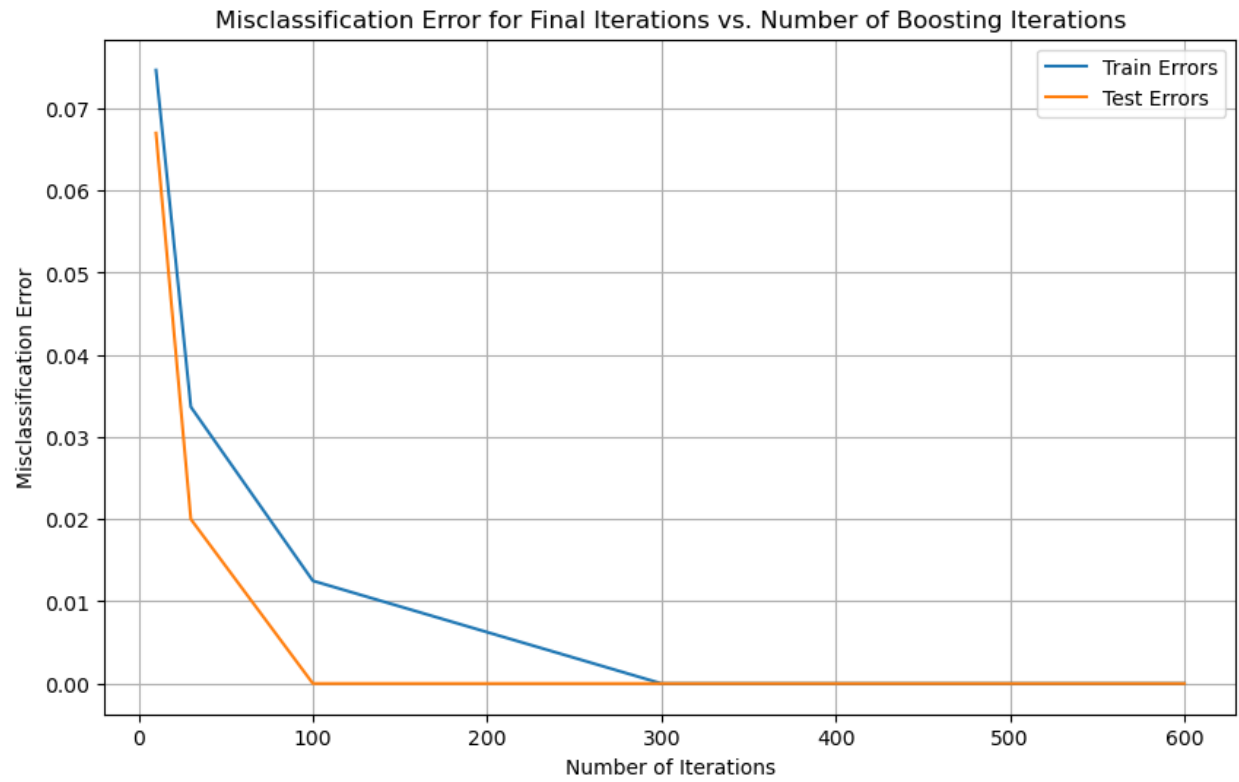
ROC for 300 Iterations

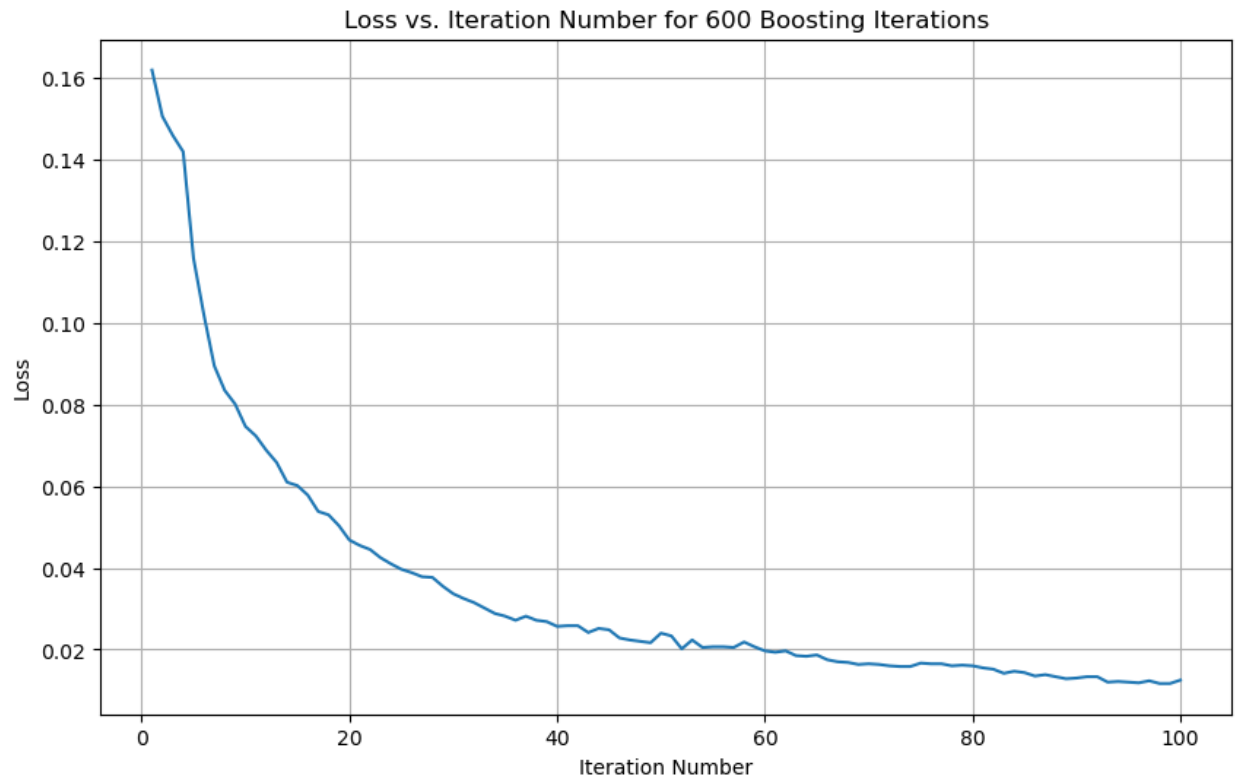




Iterations	Train Misclass	Test Misclass
10	0.073	0.093
30	0.003	0.013
100	0.00	0.00
300	0.00	0.00
600	0.00	0.00

(c) Gisette dataset





Iterations	Train Misclass	Test Misclass
10	0.075	0.067
30	0.034	0.020
100	0.012	0.00
300	0.00	0.00
600	0.00	0.00