Ryan Gosiaco
912819444
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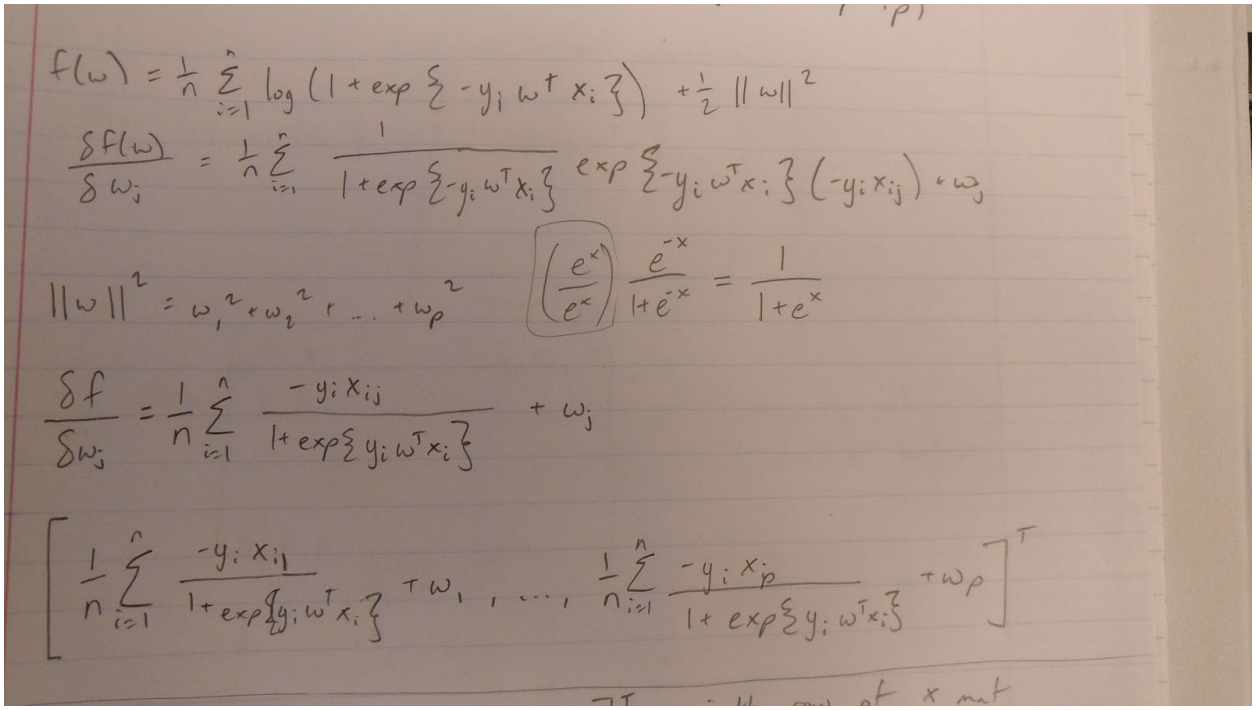
STA 141C HW 1 Report

1.1) The weight vector I got from each step in order from largest step size to smallest is [0.06769835, 0.04512519, 0.00702038, #0.00073691, 7.40524083e-05, 7.40886683e-06].

1.2) The average MSE I obtained was 5.53147692e-05.

1.3) I tried using a step size of 0.01 but was unable to obtain an MSE due to memory issues with my implementation of gradient descent.

2.1)



2.2) Unfortunately I was unable to implement this part due to time constraints.