Stat 202A – Homework # 4

Write R and Python code for logistic regression, with your own **mylmw(X, Y, W)** function for weighted least squares, which is based on your own mylm(X, Y) function, which in turn is based on your own QR function (with your own function for solving beta from R matrix) and your own sweep operator. No built-in computational tools beyond matrix multiplication are allowed.

Please test your code by comparing to the result in

http://www.ats.ucla.edu/stat/r/dae/logit.htm