DEPARTMENT OF STATISTICS

STATS 784 Data Mining

Assignment 2

Due Friday August 18. Email answers (pdf or word document) to Alan by 5pm.

Q1. Write an R function to evaluate the neural network function, given a vector of inputs and the weights. You can input the weights in any way that seems convenient. Include a worked example in your answer and supply me with a machine–readable version of your code.

[10 marks]

Q2. Repeat Question 2 of the last assignment using trees and neural networks in place of the linear model you used in Assignment 1. You will have to figure out how to deal with the factors. We will discuss some strategies for doing this in our labs.