Assignment No 7

Logistics Regression

You have given a data set with female, read, write and math as input and hon as output label.

In Female 1 = female and 0 = male

Perform following TWO tasks

1. Consider math as input and hon as output label
2. Consider female, read, write and math as input and hon as output label.

Estimate loss function, weights and accuracy in both tasks.

Plot the suitable graphs.

NOTE: kindly split 80% data for training and 20% data for testing.