Davis Adams

Machine Learning

ML HW week 7

3/1/23

Use Bayes’ rule to solve the following problem: At a party you meet a person

who claims to have been to the same school as you. You vaguely recognise them, but

can’t remember properly, so decide to work out how likely it is, given that:

• 1 in 2 of the people you vaguely recognise went to school with you

• 1 in 10 of the people at the party went to school with you

• 1 in 5 people at the party you vaguely recognize

(.5 x .1) / .2 = .25

Apply the RBF network to the Pima Indian dataset and the classification of

the MNIST letters. Can you identify differences in the results between the RBF and

the MLP?

I am having some issues with accessing sklearn and it’s datasets

8.1

The book is very confusing on how to implement this using the code provided.