

Student Number: 20053722Name: Bryan Hoang

1. (2 marks) Build a (supervised) neural network to classify the wines (Supervised neural network = multilayer perceptron = MLP in the jargon.)

Because of the time required, use only 5-fold cross validation. Report briefly on the performance of this technique, including computational time required.

Neural networks often perform better when their inputs are normalized, often to the interval $[0,1]$ or $[-1,+1]$. Try using the Normalizer node to see if this helps.

Answer:

42.