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Neural Network Classification Comparison

When Comparing the Neural Network Classification to all the other classification algorithms, it has the potential to be great. Compared to the rest of the classifications, the Neural Network Classifier takes the least amount of prior setup to get started. The only downside is that the process prior to classifying the test data can take longer than the rest of the classifiers. The point of the Neural Network Classifier is to have it teach itself how to classify data, this is great as long as it heads in the correct direction. When the Neural Network classifies data, the accuracy of it seems to be inconsistent. From testing the Neural Network with different amounts of hidden layer neurons, or even different numbers of hidden layers. The outputs are either consistently good if it has been trained well, otherwise it's worse. The other benefit to the Neural Network over the other classification algorithms, is that once it has been trained; it is significantly faster to classify data then the rest of the classifiers. Unless the Neural Networks accuracy is consistent, and or a better method is used to improve its accuracy during training, it may be better to use another classifier with consistent accuracy that is almost as fast.