

Assignment 9

1. For this exercise use a neural network and see how well you could predict the type of faults in steel plates from numeric attributes only.
2. Note: To save time and energy use the hidden layer numbers and number of nodes in hidden layers that your computer can handle.

Neural network:

The accuracy of neural networks on the test set to predict the type of faults in steel plates was on average ~75%. The hardest part of this dataset was learning how to import a .nna filetype without having the data becoming deprecated.