~~~~~~~~~~~~~~~~~~~~~~~TestCarData~~~~~~~~~~~~~~~~~~~~~~~

Iteration # 1

Starting training at time 21:34:21.652000 with 21 inputs, 4 outputs, [16] hidden layers, size of training set 200, and size of test set 1528

Finished after 200 iterations at time 21:34:59.221000 with training error 0.003087 and weight change 0.000103

Feed Forward Test correctly classified 1341, incorrectly classified 187, test percent error 0.877618

Iteration # 2

Starting training at time 21:34:59.635000 with 21 inputs, 4 outputs, [16] hidden layers, size of training set 200, and size of test set 1528

Finished after 200 iterations at time 21:35:48.524000 with training error 0.002938 and weight change 0.000118

Feed Forward Test correctly classified 1345, incorrectly classified 183, test percent error 0.880236

Iteration # 3

Starting training at time 21:35:48.979000 with 21 inputs, 4 outputs, [16] hidden layers, size of training set 200, and size of test set 1528

Finished after 200 iterations at time 21:36:43.505000 with training error 0.003335 and weight change 0.000128

Feed Forward Test correctly classified 1325, incorrectly classified 203, test percent error 0.867147

Iteration # 4

Starting training at time 21:36:43.996000 with 21 inputs, 4 outputs, [16] hidden layers, size of training set 200, and size of test set 1528

Finished after 200 iterations at time 21:37:33.383000 with training error 0.007081 and weight change 0.000159

Feed Forward Test correctly classified 1302, incorrectly classified 226, test percent error 0.852094

Iteration # 5

Starting training at time 21:37:33.868000 with 21 inputs, 4 outputs, [16] hidden layers, size of training set 200, and size of test set 1528

Finished after 200 iterations at time 21:38:25.402000 with training error 0.004263 and weight change 0.000132

Feed Forward Test correctly classified 1312, incorrectly classified 216, test percent error 0.858639

Iteration result:

Accuracy standard deviation 0.0107696347805

Accuracy average: 0.867146596859

Max Accuracy: 0.880235602094

~~~~~~~~~~~~~~~~~~~~~~~TestPenData~~~~~~~~~~~~~~~~~~~~~~~

Iteration # 1

Starting training at time 21:34:31.218000 with 21 inputs, 4 outputs, [16] hidden layers, size of training set 200, and size of test set 1528

Finished after 200 iterations at time 21:35:12.674000 with training error 0.004828 and weight change 0.000138

Feed Forward Test correctly classified 1245, incorrectly classified 283, test percent error 0.814791

Iteration # 2

Starting training at time 21:35:13.105000 with 21 inputs, 4 outputs, [16] hidden layers, size of training set 200, and size of test set 1528

Finished after 200 iterations at time 21:36:03.485000 with training error 0.004089 and weight change 0.000131

Feed Forward Test correctly classified 1248, incorrectly classified 280, test percent error 0.816754

Iteration # 3

Starting training at time 21:36:04.102000 with 21 inputs, 4 outputs, [16] hidden layers, size of training set 200, and size of test set 1528

Finished after 200 iterations at time 21:36:57.851000 with training error 0.004119 and weight change 0.000108

Feed Forward Test correctly classified 1239, incorrectly classified 289, test percent error 0.810864

Iteration # 4

Starting training at time 21:36:58.361000 with 21 inputs, 4 outputs, [16] hidden layers, size of training set 200, and size of test set 1528

Finished after 200 iterations at time 21:37:47.992000 with training error 0.004436 and weight change 0.000135

Feed Forward Test correctly classified 1230, incorrectly classified 298, test percent error 0.804974

Iteration # 5

Starting training at time 21:37:48.463000 with 21 inputs, 4 outputs, [16] hidden layers, size of training set 200, and size of test set 1528

Finished after 200 iterations at time 21:38:38.148000 with training error 0.003570 and weight change 0.000123

Feed Forward Test correctly classified 1271, incorrectly classified 257, test percent error 0.831806

Iteration result:

Accuracy standard deviation 0.0089408541141

Accuracy average: 0.815837696335

Max Accuracy: 0.831806282723