Project 4 Question 5, 6

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**Question 5**

**Pen Data**

Max: 0.907756483723

Average: 0.903637863725

Standard Deviation: 0.00774835628734

**Car Data**

Max: 0.864754837236

Average: 0.827258633637

Standard Deviation: 0.00233473846284

**Question 6**

**Pen Data**

A screenshot of a computer

Description automatically generated with medium confidence

The average accuracy seems to be extremely consistent for the test car dataset after 5 hidden layer perceptrons. Without any perceptrons the neural net was unable to work properly thus leading an accuracy of 0%.

A screenshot of a computer

Description automatically generated with low confidence

Chart, line chart

Description automatically generated

The average accuracy seems to be extremely consistent for the test car dataset after 5 hidden layer perceptrons. Despite 0 perceptrons, there was still an accuracy of 68.5%.