

Average
Accuracy

Hidden layer
perceptrons

	0	5	10	15	20	25	30	35	40
PenData	0	0.834877	0.883762	0.900286	0.899543	0.904059	0.902573	0.899314	0.897541
CarData	0.665	0.958	0.966	0.964	0.969	0.957	0.964	0.959	0.954

Max
Accuracy

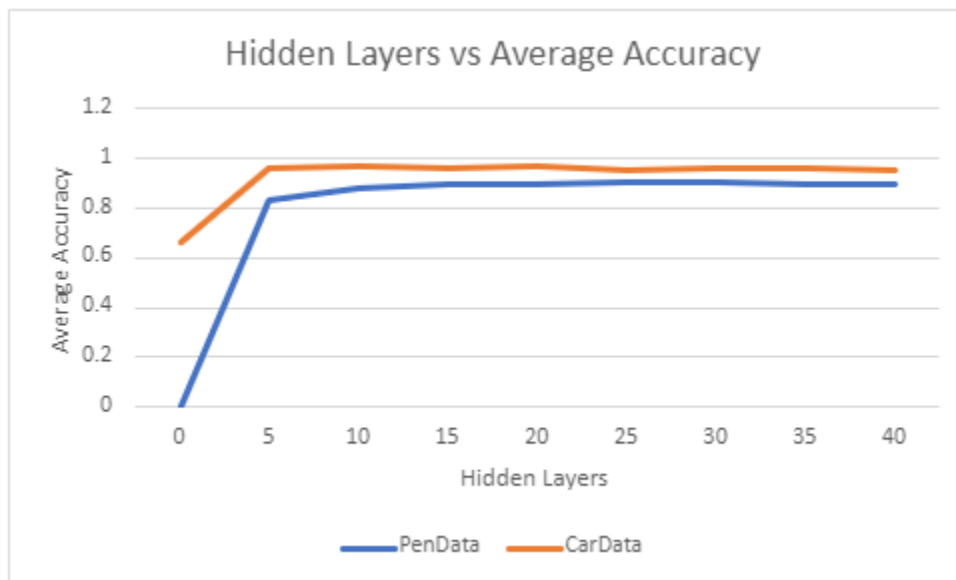
Hidden layer
perceptrons

	0	5	10	15	20	25	30	35	40
PenData	0	0.857633	0.889365	0.911092	0.904803	0.909663	0.904231	0.906232	0.904803
CarData	0.665	0.965	0.975	0.975	0.975	0.975	0.975	0.96	0.96

StDeviation
Accuracy

Hidden layer
perceptrons

	0	5	10	15	20	25	30	35	40
PenData	0	0.021902	0.006905	0.010874	0.006312	0.003918	0.002065	0.007276	0.00647
CarData	0	0.007483	0.008	0.006633	0.005831	0.014697	0.006633	0.002	0.003742



Increasing the size of the hidden layers seems to drastically increase the average accuracy. However, it seemed like too many hidden layers actually slightly decreased the average accuracy, but it's difficult to tell if this was just a coincidence.