What is...?
 Neural Networks
 Semi-Supervised Learning
 Conclusions

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Outline 000 Learning!

Accuracies

	snlduou	rectify	sigmoid	softplus	softsign
784,2,10	45.58	8.92	42.83	46.2	48.05
784,0,2,10	53.31	63.55	62.26	64.75	52.76
784,0,0,2,10	62.81	64.87	65.9	65.31	61.15
784,0,0,0,2,10	65.71	65.49	68.54	76.1	70.86
784,0,0,0,0,2,10	67.08	72.74	69.47	70.55	69.95
784,0,0,0,0,0,2,10	70.65	74.46	70.4	79.2	72.85
784,0,0,0,0,0,0,2,10	70.14	72.24	69.79	79.53	70.25
784.0.0.0.0.0.0.0.2.10	71.47	71.94	71.32	78.42	73.1

Highest Recorded Test-Data Accuracies Each ∘ represents a hidden layer of 500 neurons.