

CS/ISAT 344 Intelligent Systems

Lab 6 Training Log

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Input Fields: (list each one)

- Plastic Cost of production
- Labor Cost of production
- Sales Weekly sales
- Interest Cost of capital

Output Fields: (list each one)

- Stk+3 Stock price three days later
- StkChg Change over three days

Layer 1 Nodes = $(4 + 2) / 2 = 3$

<i>Trial</i>	<i>Learning Rate</i>	<i>Momentum</i>	<i>Hidden Layers</i>	<i>Hidden Neurons</i>	<i>Steps</i>	<i>Min. Avg. Error</i>
1	0.5	0.5	1	4	500	0.172
2	0.5	0.5	1	4	500	0.173
3	0.5	0.5	1	4	500	0.172
4	0.3	0.5	1	4	2000	0.126
5	0.4	0.8	1	4	10000000	0.312
6	0.4	0.8	1	4	5000	0.118
7	0.5	0.8	1	4	5000	0.122
8	0.6	0.8	1	4	5000	0.110
9	0.6	0.4	1	4	10000	0.112
10	0.6	0.5	1	4	10000	0.115
11	0.6	0.6	1	4	10000	0.111
12	0.6	0.7	1	4	10000	0.099
13	0.6	0.7	1	4	100000	0.076
14	0.6	0.7	1	4	1000000	0.253
15	0.6	0.7	1	4	10000000	0.323