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| ID | Layer order / Layer Type / Number of Hidden Layers | Epoch | Optimizer | Test Data Accuracy | Comments |
| 1 | 1 – Relu - 90 | 10 | adam | 0.81 |  |
| 2 | 1 – Relu - 90 | 100 | adam | 0.797 |  |
| 3 | 1 – Relu - 90 | 1000 | adam | 0. 824 |  |
| 4 | 1 – Relu - 90 | 50 | adam | 0.824 |  |
| 5 | 1-Sigmoid - 90 | 50 | adam | 0.824 |  |
| 6 | 1-Sigmoid- 90 | 80 | adam | 0.824 |  |
| 7 | 1-Relu - 90 | 80 | adam | 0.811 |  |
| 8 | 1-Relu -90  2-Relu - 90 | 50 | adam | 0.811 |  |
| 9 | 1-Relu - 90  2-Relu - 90 | 35 | adam | 0.824 |  |
| 10 | 1 – Relu - 10 | 50 | adam | 0.784 |  |
| 11 | 1 – Relu - 10 | 100 | adam | 0.818 |  |
| 12 | 1 – Relu - 20 | 50 | adam | 0.824 |  |
| 13 | 1 – Relu - 50 | 50 | adam | 0.824 |  |
| 14 | 1 – Relu - 100 | 35 | adam | 0.824 |  |
| 15 | 1 – Relu – 100  2 – Relu – 50  3 – Relu - 25 | 35 | adam | 0.824 |  |
| 16 | 1 – Relu – 100  2 – Relu – 100  3 – Relu - 100 | 35 | adam | 0.797 |  |
| 17 | 1 – Relu – 100  2 – Relu – 20  3 – Relu - 2 | 35 | adam | 0.797 |  |
| 19 | 1 – Relu – 100  2 – Relu – 75  3 – Relu - 50 | 35 | adam | 0.811 |  |
| 20 | 1 – Relu – 100  2 – Relu – 75  3 – Relu – 50  4 – Relu - 25 | 35 | adam | 0.797 |  |
| 21 | 1 – Relu – 100  2 – Relu – 50  3 – Relu – 25  4 – Relu - 2 | 35 | adam | 0.824 |  |
| 22 | 1 – Relu – 50 | 50 | rmsprop | 0.818 |  |
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