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|  | Model | Transfer Function | Loss | Epoch | Training Function | Optimizer | Accuracy |
| 1 | 25-70-100-130-150-7 | Linear  -linear  -linear  -linear  -linear | MSE | 85 | softmax | adam | 90.84% |
| 2 | 25-76-85-7 | sigmoid  -relu  -tanh | mse | 10 | sigmoid | adam | 90,39% |
| 3 | 25-76-85-7 | - sigmoid  - relu  -tanh | mse | 30 | sigmoid | adam | 90.46% |
| 4 | 25-75-30-7 | - sigmoid  - sigmoid  -relu | mse | 48 | sigmoid | adam | 90.71% |
| 5 | 25-7 | -sigmoid | binary\_crossentropy | 50 | softmax | adam | 91.42% |
| 6 | 25-70-100-130-150-7 | -Tanh  -sigmoid  -tanh  -sigmoid  -tanh | mse | 50 | softmax | adam | 91.49% |
| 7 | 25-70-100-7 | -tamh  -tanh  -tanh | mae | 50 | softmax | adam | 91.53% |
| 8 | 25-70-100-13-150-7 | -Tanh  -sigmoid  -tanh  -sigmoid  -tanh | mse | 50 | softmax | adam | 91.60% |
| 9 | 25-45-65-7 | -sigoid  -tanh  -sigmoid | mse | 50 | -tanh | adam | 92.29% |
| 10 | 25-76-85-7 | sigmoid  relu  tanh | binary\_crossentropy | 50 | sigmoid | adam | 91.68% |
| 11 | 25-70-100-13-150-7 | sigmoid  linear  tanh  sigmoid  linear | mse | 55 | softmax | adam | 91.70% |
| 12 | 5-25-50—75-100-7 | relu  sigmoid  sigmoid  linear  sigmoid | mse | 40 | softmax | adam | 91.83% |
| 13 | 25-70-100-7 | tanh  tanh  tanh | mae | 35 | softmax | adam | 91.87% |
| 14 | 25-76-85-7 | tanh  sigmoid  tanh | mse | 50 | sigmoid | adam | 91.95% |
| 15 | 25-70-100-130-150-7 | tanh  tanh  tanh  tanh  tanh | mse | 50 | tanh | adam | 92.83% |
| 16 | 25-75-7 | sigmoid  sigmoid | binary\_crossentropy | 60 | sigmoid | adam | 92.15% |
| 17 | 25-76-85-7 | tanh  sigmoid  tanh | binary\_crossentropy | 50 | sigmoid | adam | 92.17% |
| 18 | 25-76-85-7 | tanh  sigmoid  tanh | binary\_crossentropy | 50 | softmax | adam | 92.51% |
| 19 | 25-70-100-130-150 | Relu  tanh  Linear  Sigmoid  Relu | mse | 150 | softmax | adam | 92.61% |
| 20 | 25-70-100-130-7 | Tanh  tanh  tanh  sigmoid | binary\_crossentropy | 35 | softmax | adam | 92.95% |