**Neural Networks Task #3 – Multi Layer Perceptron**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#Hidden Nodes** | **#Layers** | **Epochs** | **Bias** | **Learning Rate** | **Test Accuracy** | **Train Accuracy** | **Activation Function** |
| **5,10,15,20,25** | **5** | **300** | **No** | **0.01** | **96.67** | **95.56** | Sigmoid |
| **5,6,7** | **3** | **100** | **No** | **0.01** | **96.67** | **97.78** | Tanh |
| **5,10,20,30,40** | **5** | **300** | **Yes** | **0.01** | **93.33** | **96.67** | Tanh |

**Graphical user interface, text, application

Description automatically generated**

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