## How Many Neurons In Hidden Layer?

Experiments have shown us that the optimum number of neurons in a hidden layer can be determined by:

$$Number\ Of\ Neurons = \frac{Trainfo}{Trading\ Data\ Samples}$$

$$Number\ Of\ Neurons = \frac{Trainfo}{Factor*(Input\ Neurons+Output\ Neurons)}$$

The factor is used to prevent over-fitting and it is a number between 1-10.