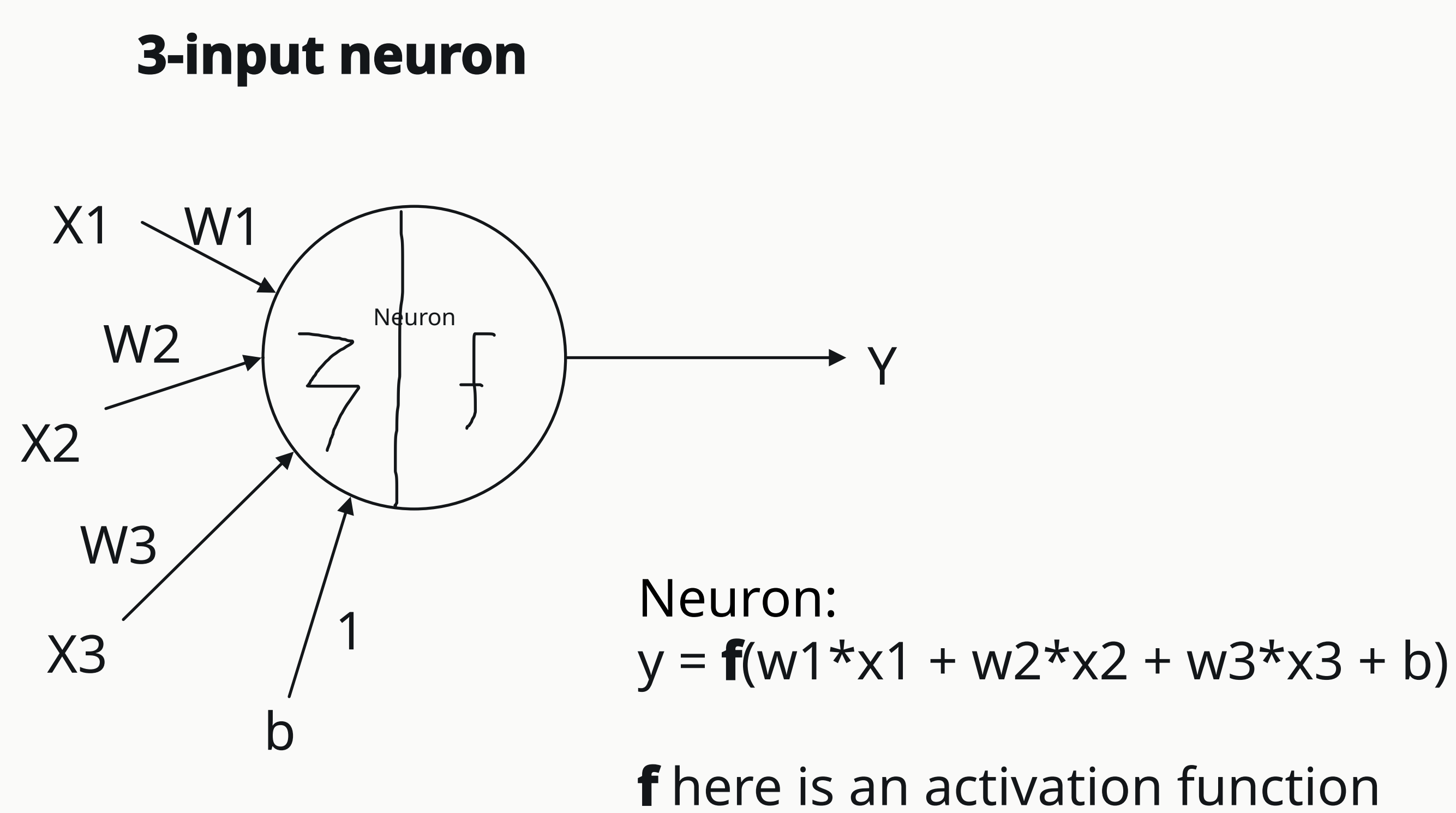
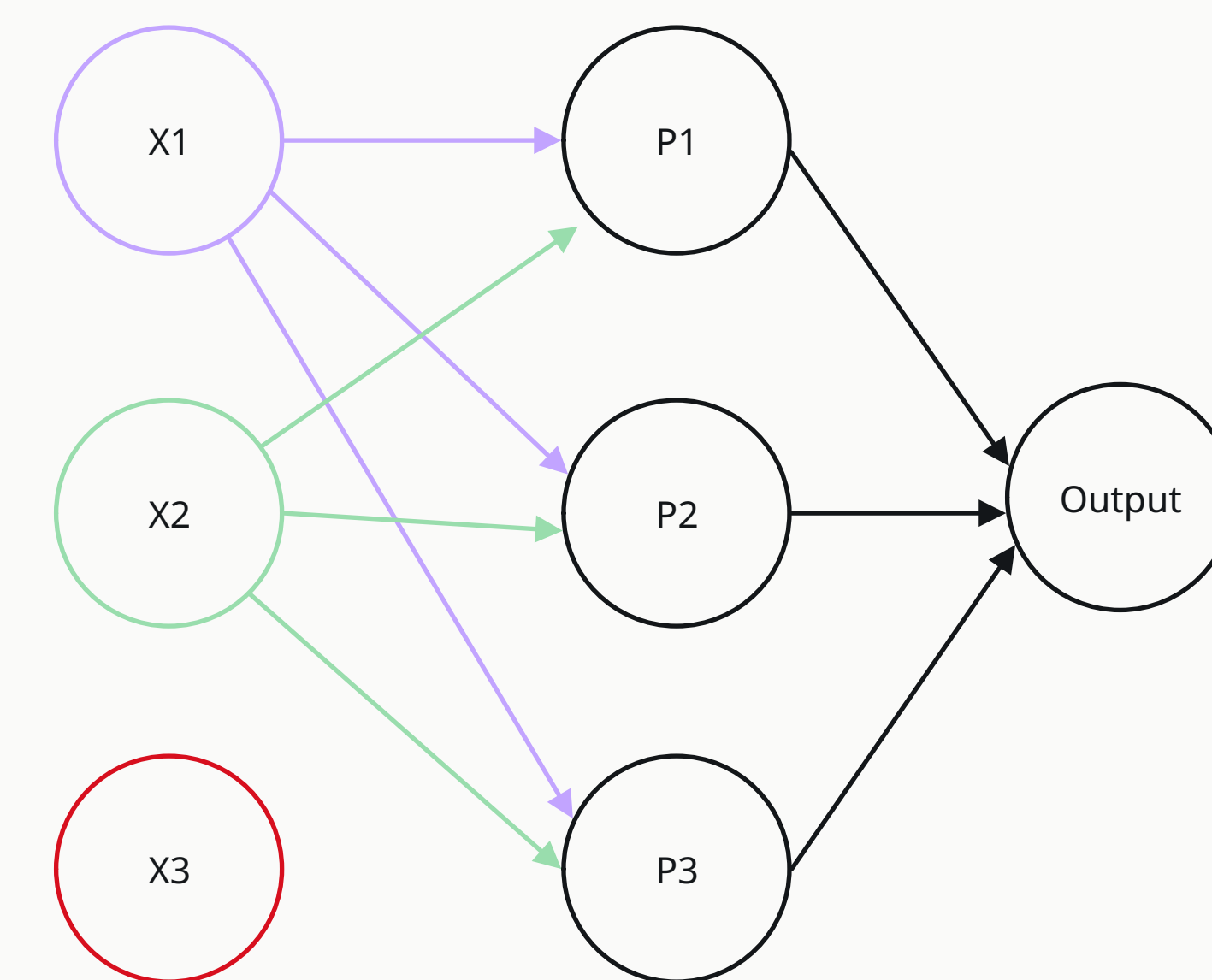
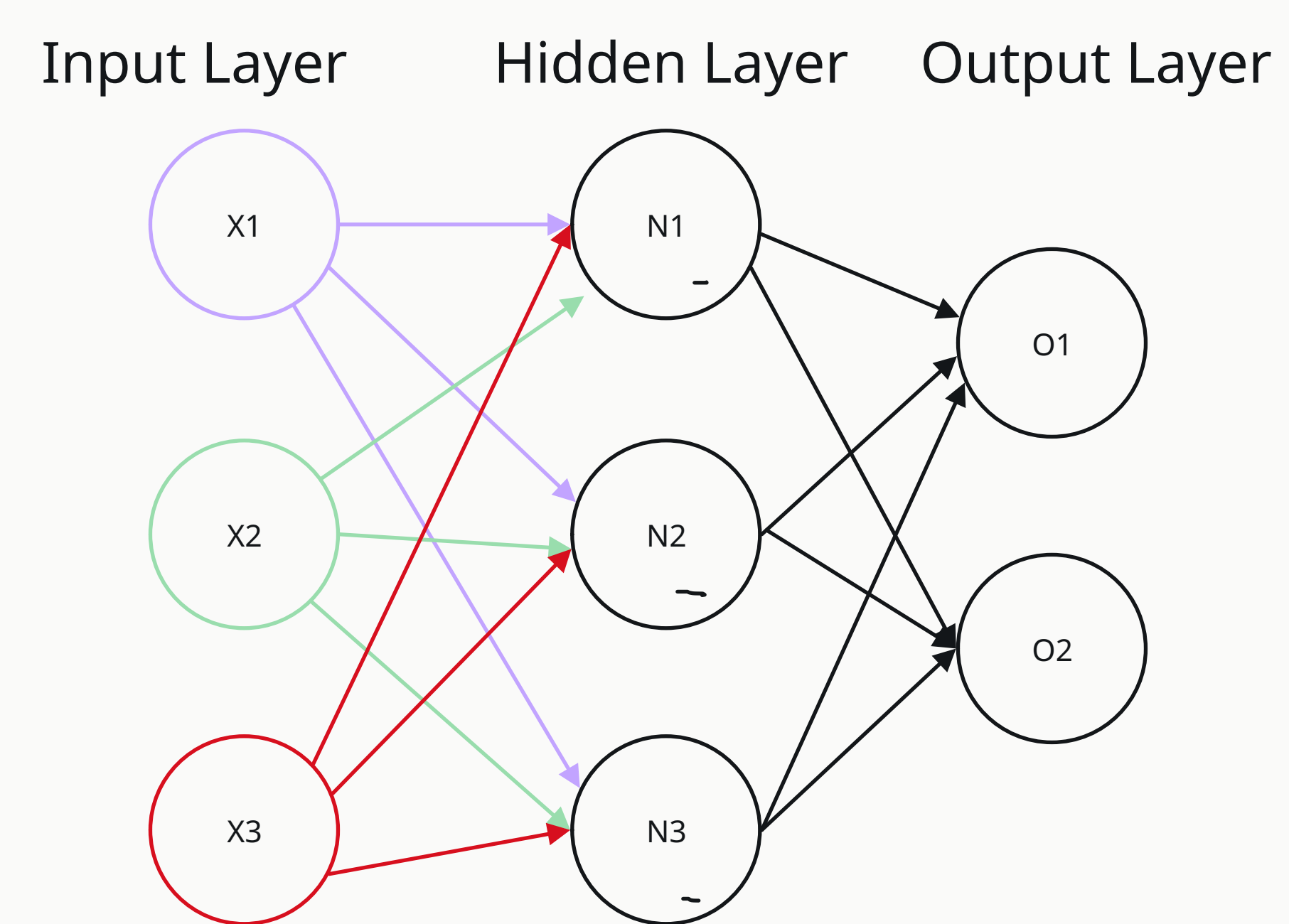


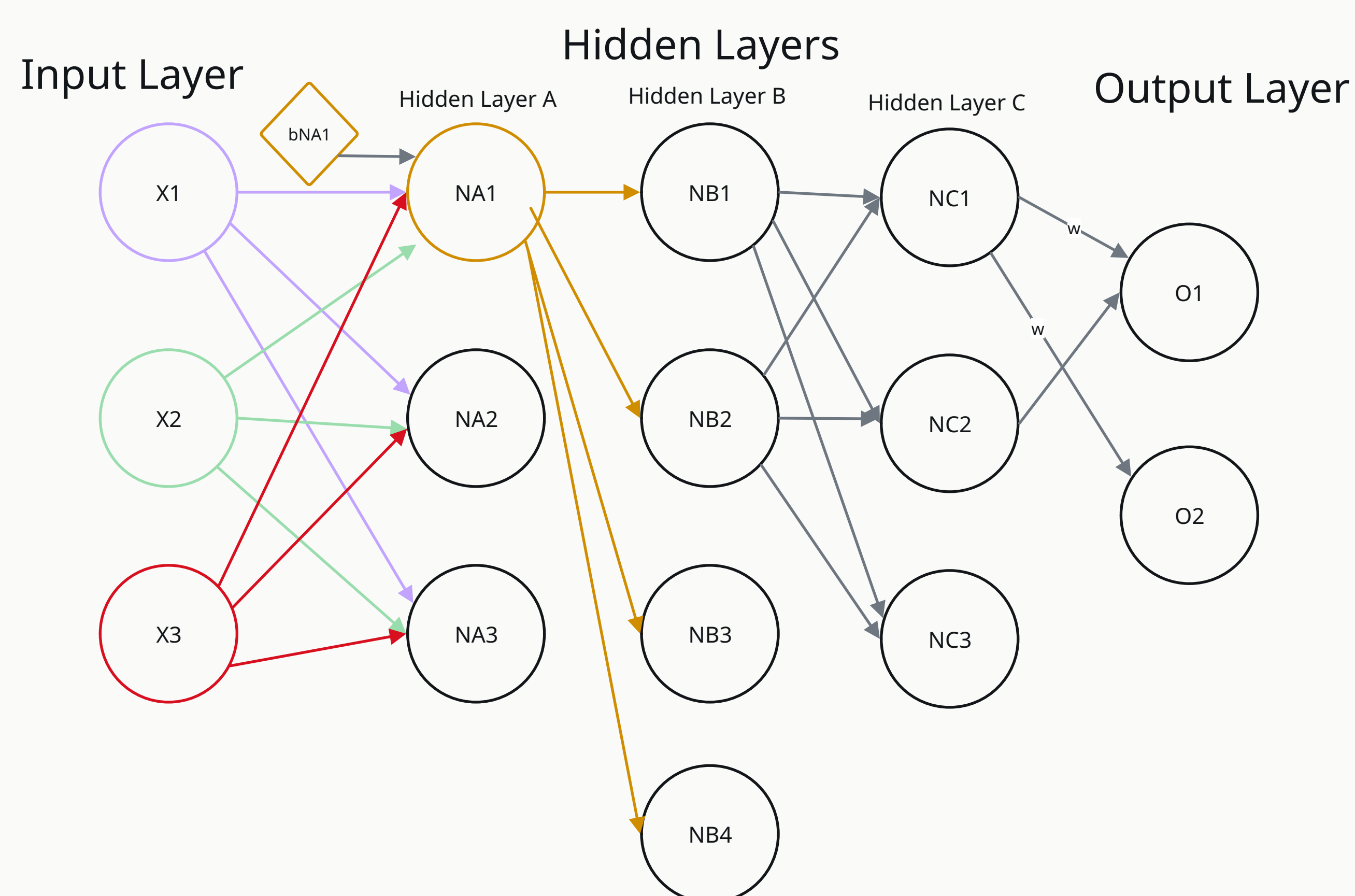
Multi-perceptron Architecture



Shallow Neural Network Architecture

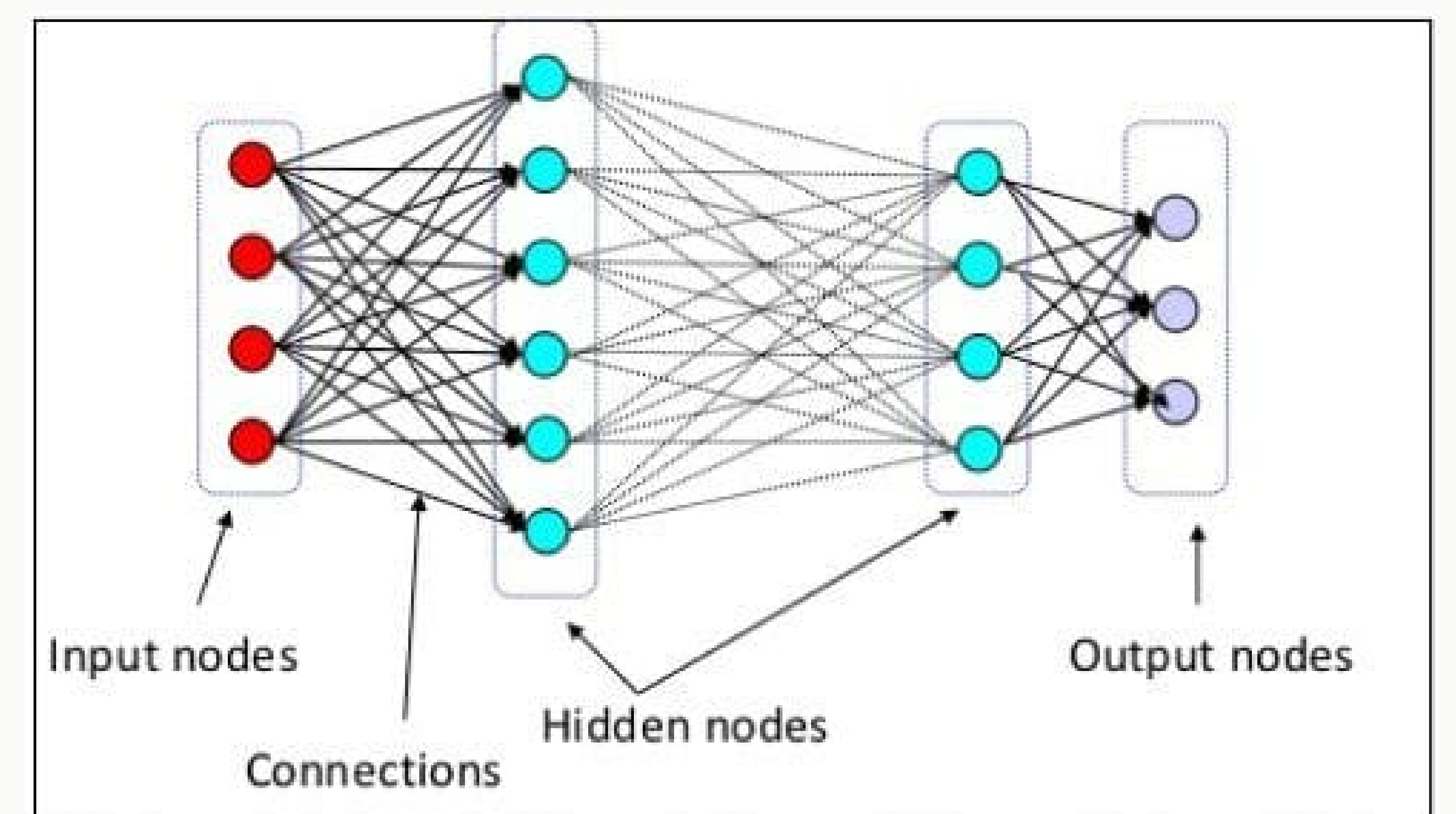


Deep Neural Network Architecture

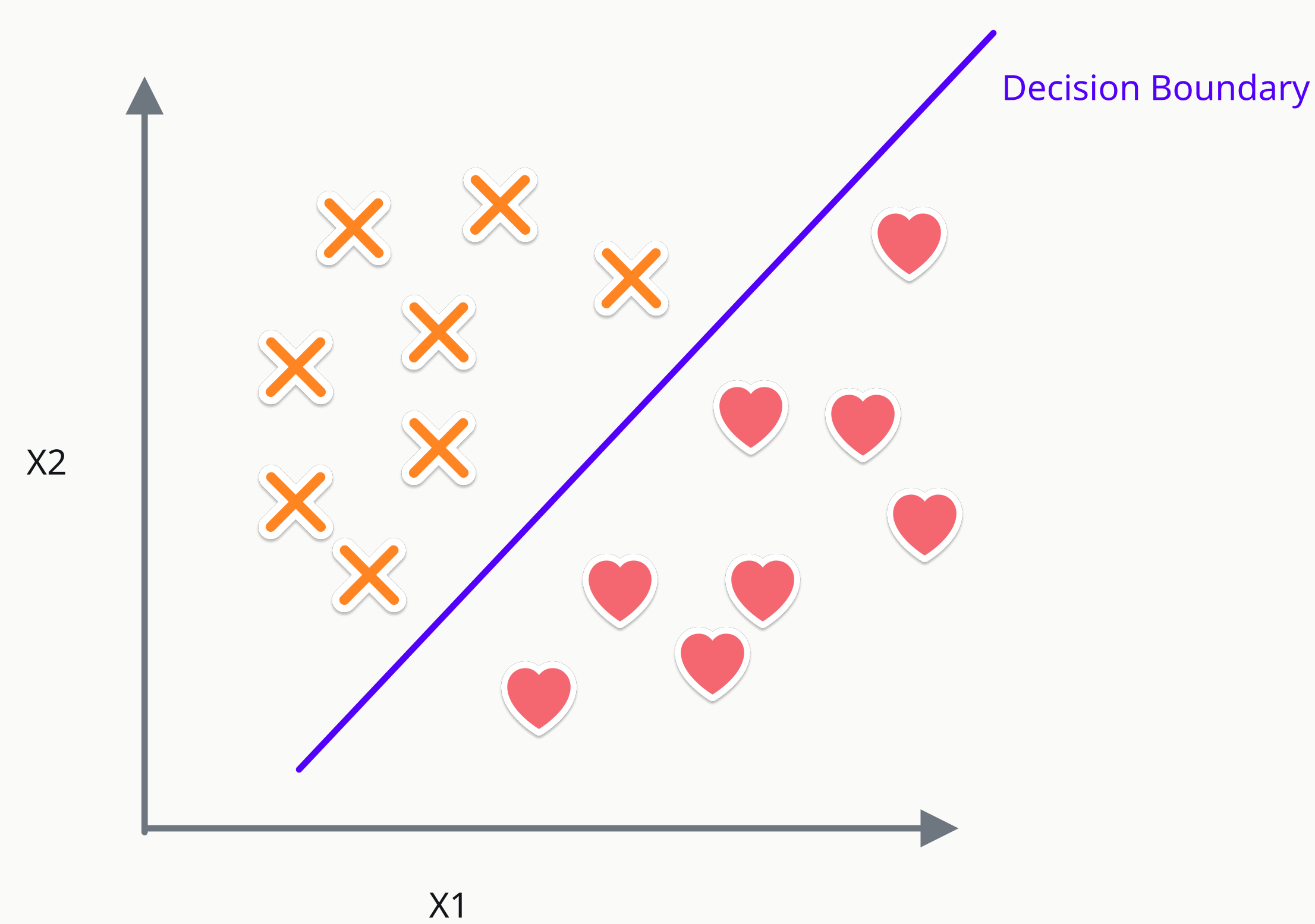


When building a NN architecture, you have the choice of:

- Number of Input Neurons
- Number of Hidden Layers
- Number of Neurons in each Hidden Layer
- The Activation Function of each layer
- The number of Output Neurons
- The Activation Function of the Output Layer



Linear Solution



Non-linear Solution

