**Week 3 – Notes**

**Neural Networks Overview**

Superscript inside square brackets represents the notation for the number of the layer

**Neural Network Representation**

Each layer, including the input and the output can be seen as activation layers

Therefore, each layer is denoted by a and a superscript inside square brackets where we put the index of the layer

A neural network that has the input, hidden and output layers is referred to as a 2 layer neural network, because the input layer is not counted