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Dense Layers and ReLU

The Dense layer is the computation of the inner product between a set of trainable weights (weight matrix) and an input vector. The visualization of the dense layer can be seen in the image below.
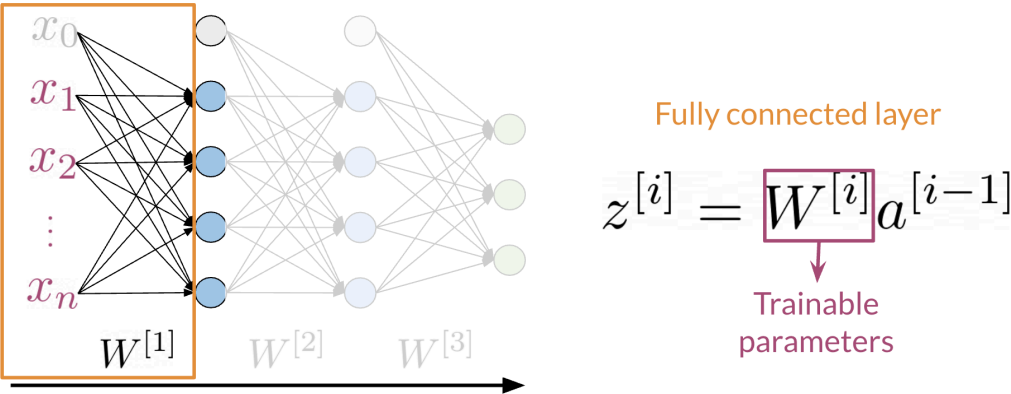
The orange box in the image above shows the dense layer. An activation layer is the set of blue nodes shown with the orange box in the image below. Concretely one of the most commonly used activation layers is the rectified linear unit (ReLU).
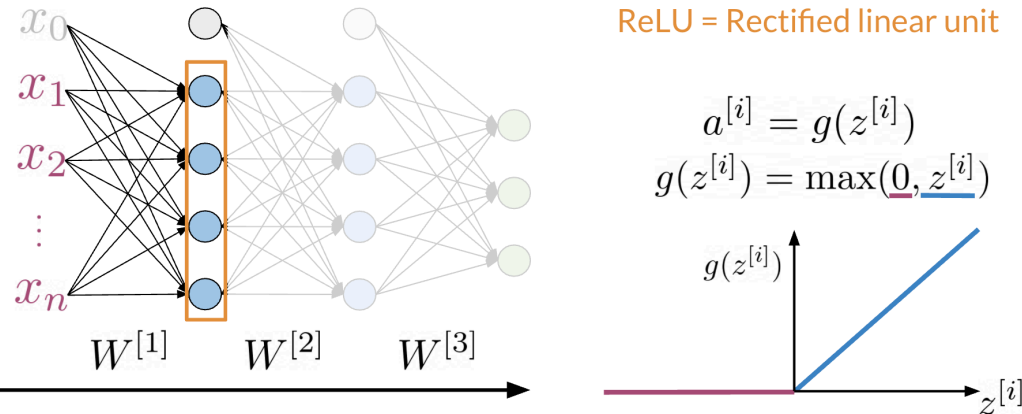
ReLU(x) is defined as *max(0,x)* for any input x.

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