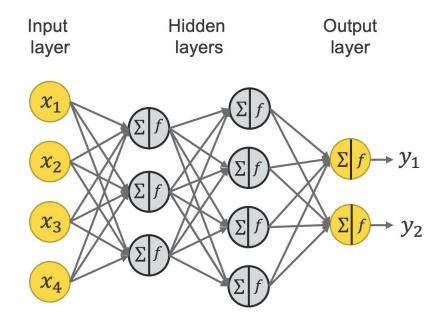


An Introduction to PyTorch

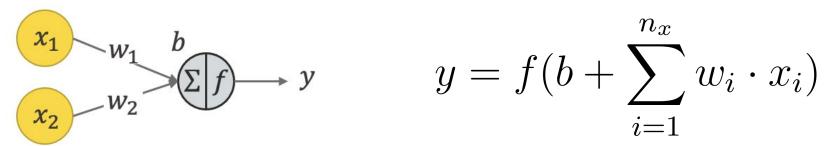
UPE Lunch & Learn
Presented by N'yoma Diamond



Networks



Neurons



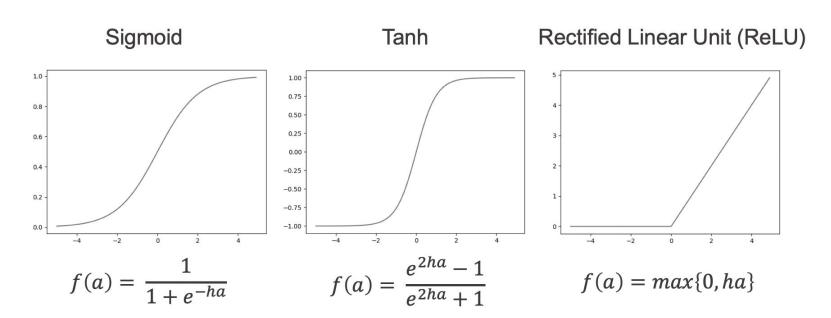
 $x_i = \text{input value } i$

 $w_i = \text{weight of } x_i$

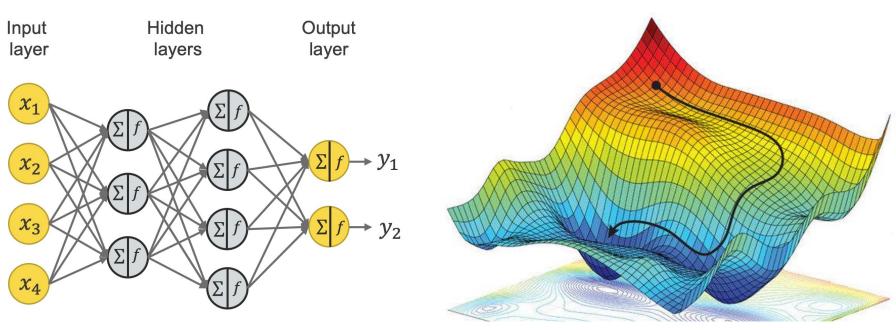
b = bias

y = neuron output

Activation Functions

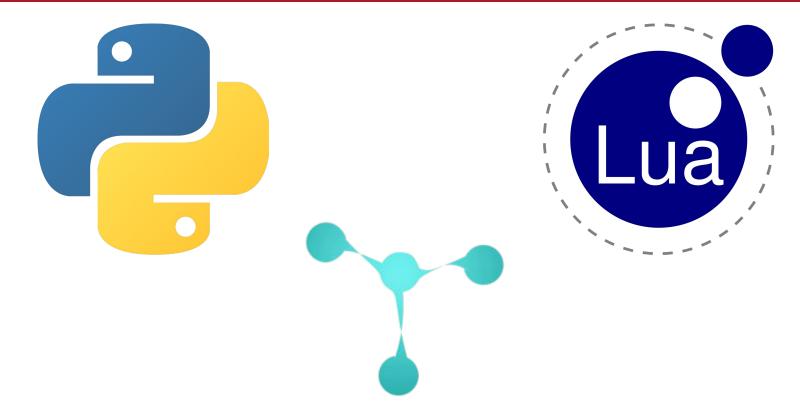


Optimization (Training)



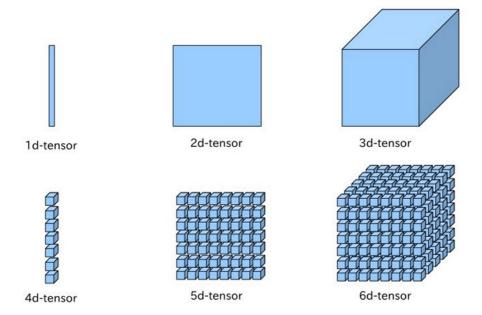
Optimization (Training)

O PyTorch: What is it?



O PyTorch: What is it?

Tensors



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