## NN cont Back propigation

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· Mis uses Gradiet decent to optimize Mr NN by possing the error Gradient backwals lager by layer so the NN con updale its parametres

- We cannot directly change the final out per mores only the weights and Biases that influence it. But we know The adjustments we want. annalities by arrows for 1x 9 Should go don mri An O.

Now Mells define the house?: (0.) = 6 (wo a o + w, a, ... wh and b)

- other are 3 ways we can increse the #2 nursus activation - increre b (biss) - increse wi (wright) -inc a Cactivation)
- · for weights each nonrow in last layer has its own activation and wrights mraning each our has a lavel of importance pas or may on the nuron for 2 so increasing the weight of neurous with higher activations is better the dim low activation hearons this helps the Per activation for 2
- · for activations if all the neuros with pos weight got bright it higher activation and visi vivia Run Dr neuron for 2 would

one once again we cannot charge three activations of this 2nd last Lagran conly the weight and Biasis of the 41 layer Before put like Before Scanned with CamScanner