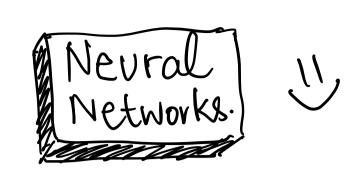
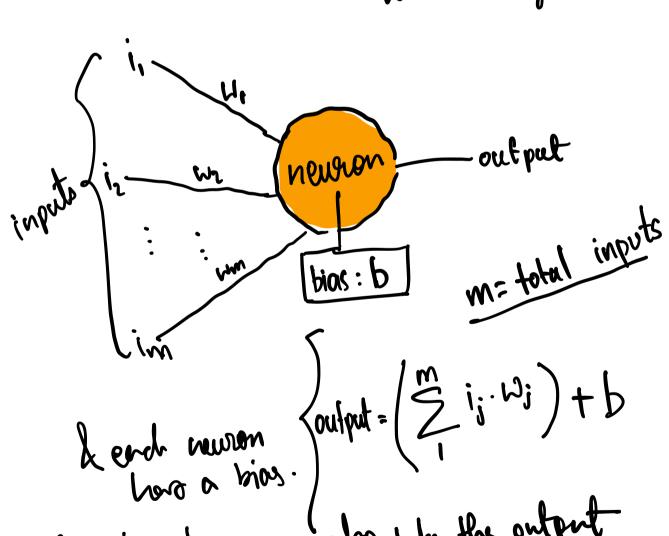
Oshreydan Notio :



for each input, me have a weight



if we have langues, we also take the output through an activation of based on data.

Activation Functions.

Step:
$$y = S_0$$
, $n \ge 0$ Thinese Jack for

Dense Layer.

Weights shape: no. of inputs x no. ofnewors

(I) inputs: no. of botches x input values Shope

(B) biens: vector, 1 biens per neuron.

output = autivation (I.W + B).

why we need activation for:

- to fit better to data

especially non-linear late:

- for non-linear date:

- yese Rew/Sigmid

- use Rew/Sigmid

- for non-linear act fr always have atleast 2 hidden layers.

Softmax Activation
) used for outputs.