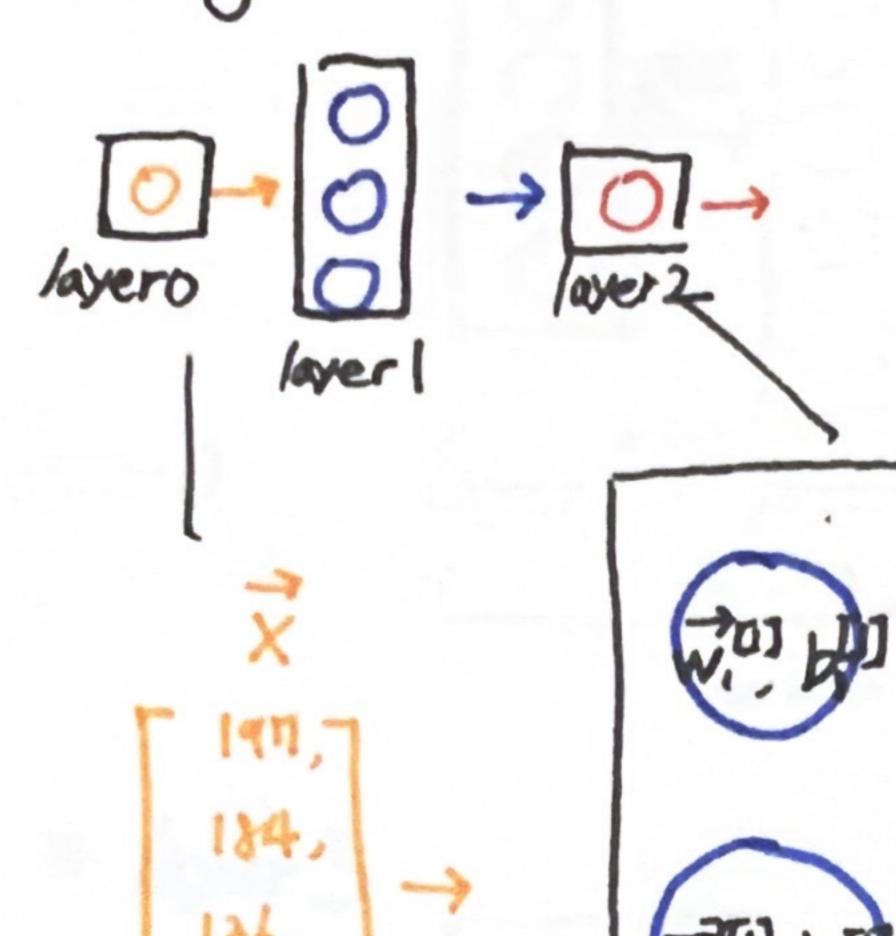
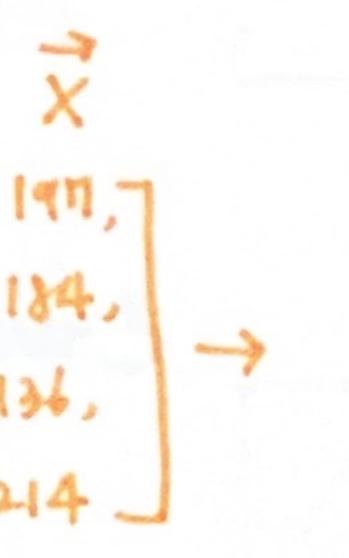
accellininin

(Neural Network Layer)









$$\rightarrow \alpha_{i}^{m} = g(\vec{w}_{i}^{m} \cdot \vec{x} + b_{i}^{m}) =$$

$$\rightarrow a_{2}^{U} = g(\vec{w}_{2}^{U} \cdot \vec{z} + \vec{b}_{2}^{U}) = 0.7$$

$$\rightarrow a_3[1] = g(\vec{W}_3^{(1)} \cdot \vec{Z} + b_3^{(1)}) = 0.2$$

vectors of activation values from lover 1

logistic regression function

$$\rightarrow a_{i}^{[2]} = g(\vec{w}_{i}^{[2]} \cdot \vec{a}^{[1]} + b_{i}^{[2]}) = 0.84 \rightarrow 0$$

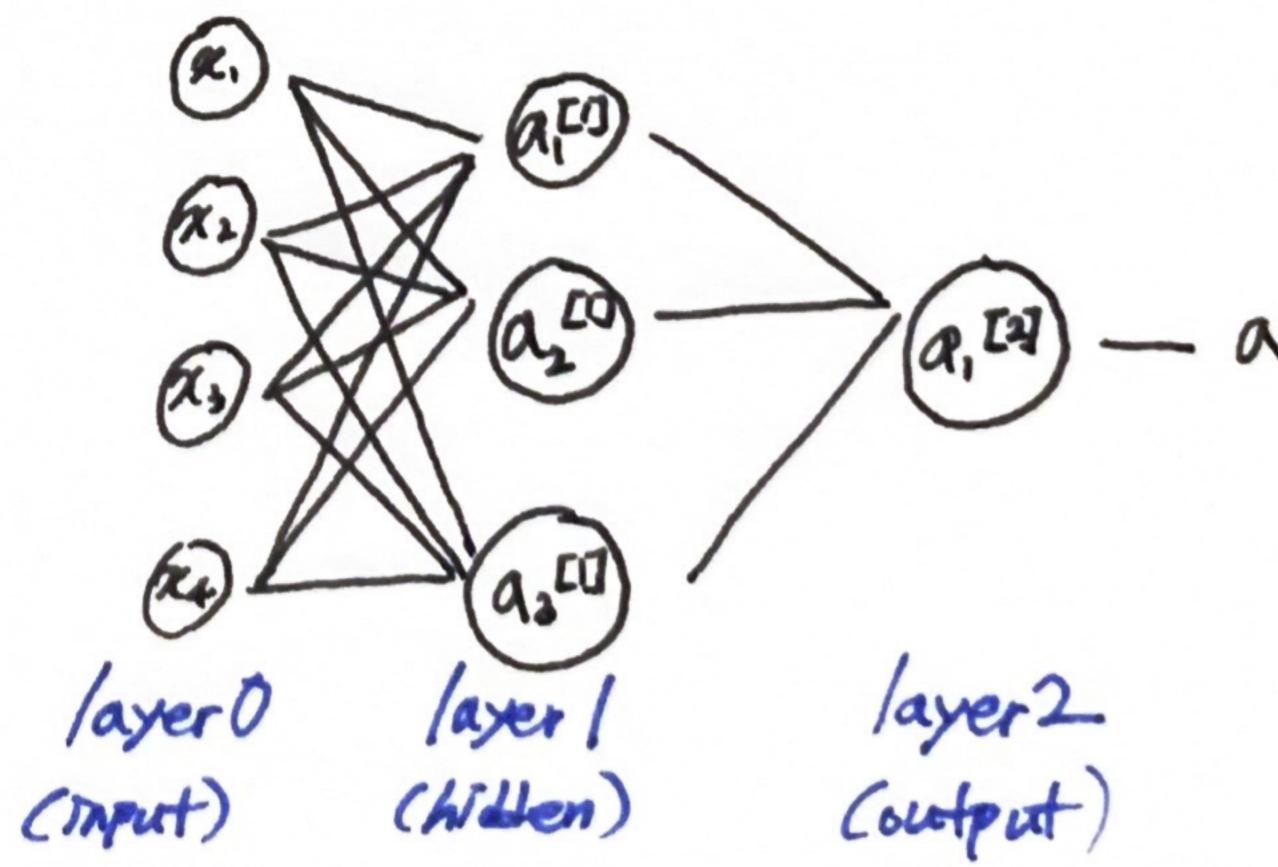
a scalar value

if binary prediction. "threshold"

$$\hat{f} = 1$$

$$\hat{g} = 6$$

* Summarize



- a; [s]: "activation" of unit i in layer J (necuon)