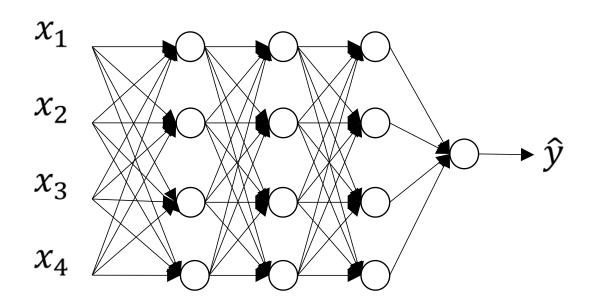


Regularizing your neural network

Dropout regularization

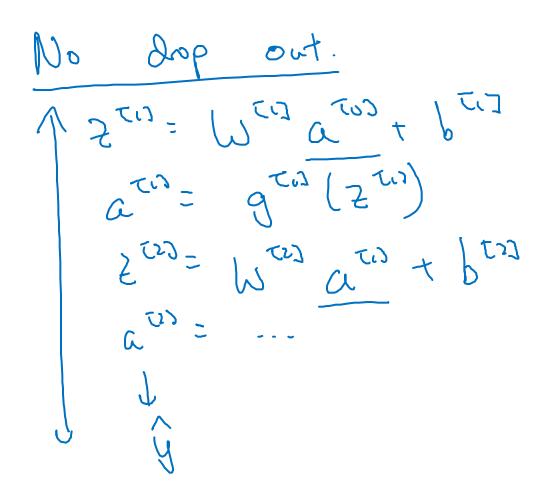
Dropout regularization





-> [d3]= np. ronden. rond (a3. shape To7, a3. shape Ti7) < keep-prob a3 = np. multiply (a3, d3) # a3 x= d3 > a3 /= 08 keep-prob (2 = W . a = b I4) Technol by 20.1.

Making predictions at test time



/= keep-pols



Regularizing your neural network

Understanding dropout

Why does drop-out work?

Intuition: Can't rely on any one feature, so have to spread out weights. Shrink weights.

