Assignment Z = 1/2652055

(1)
$$a^{[1]} = 6(w^{[1]}a^{[1-1]} + b^{[1]})$$
 $a^{[1]} = 6(z^{[1]}) \left(z^{[1]} + b^{[1]}\right)$

$$h_L = 1$$
, $\delta = \frac{\partial a^{(L)}}{\partial a^{(L)}} = 1$

when
$$l = 1 \sim L - 1$$

$$\delta^{[\ell]} = \frac{\partial a^{[\ell]}}{\partial a^{[\ell]}}, \quad \frac{\partial a^{[\ell]}}{\partial a^{[\ell]}} = \sum_{j=1}^{n_{\ell+1}} \frac{\partial a^{[\ell]}}{\partial a_{ij}^{[\ell+1]}} \cdot \frac{\partial a_{ij}^{[\ell+1]}}{\partial a^{[\ell]}}$$

$$\frac{\partial a^{[\ell]}}{\partial a^{[\ell]}} = \frac{\partial a_{j}^{[\ell]}}{\partial a^{[\ell]}} = \frac{\partial a_{j}^{[\ell]}}{\partial a_{j}^{[\ell]}} = \frac{\partial a_{j}^{[\ell]}$$

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Algorithm Let \{ \(\xi \) = 1 Let temp = (WCl+1]) T8 [l+1] 8[z[e]] = 6(z[e]) 8[1] = temp 0 8 [Z[2]] output $\nabla a^{[L]}(x) = \delta^{[L]}$ In likehoodly approach, if the function is Not normal distribution, the loss will be big or small for each type of real function. (polynomial, sinz, cosx)