deeplearning.ai

Basics of Neural Network Programming

Logistic Regression Gradient descent

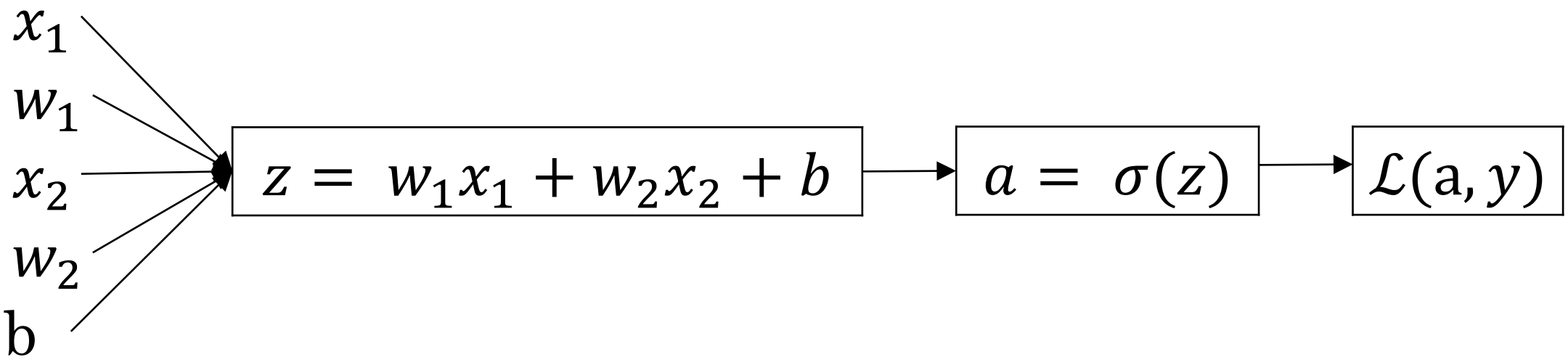
Logistic regression recap

$$z = w^T x + b$$

$$\hat{y} = a = \sigma(z)$$

$$\mathcal{L}(a, y) = -(y \log(a) + (1 - y) \log(1 - a))$$

Logistic regression derivatives



deeplearning.ai

Basics of Neural Network Programming

Gradient descent on m examples

Logistic regression on m examples

Logistic regression on m examples