Setting up your optimization problem

Normalizing inputs
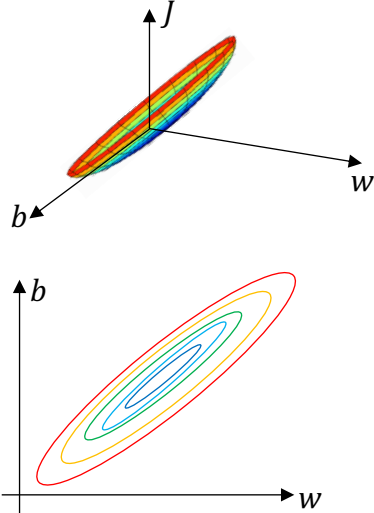
deeplearning.ai

1

Normalizing training sets
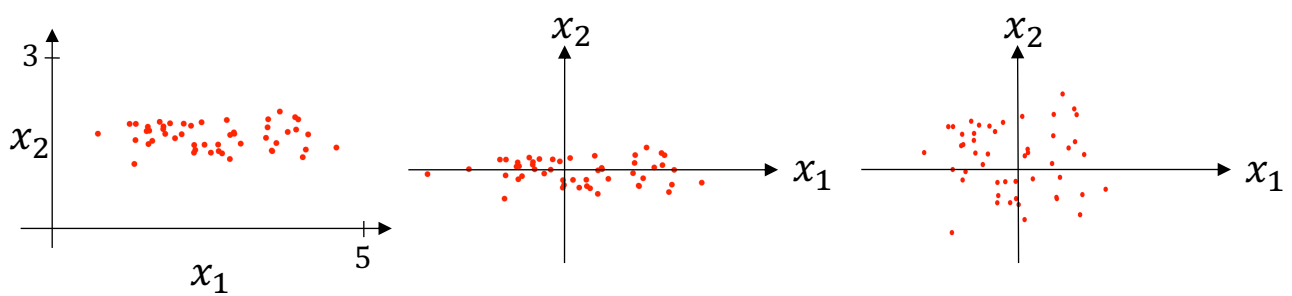
2

Why normalize inputs?

$$J(w, b) = \frac{1}{m} \sum_{i=1}^{m} \mathcal{L} \left(\hat{y}^{(i)}, y^{(i)} \right)$$

Unnormalized:

Normalized:

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