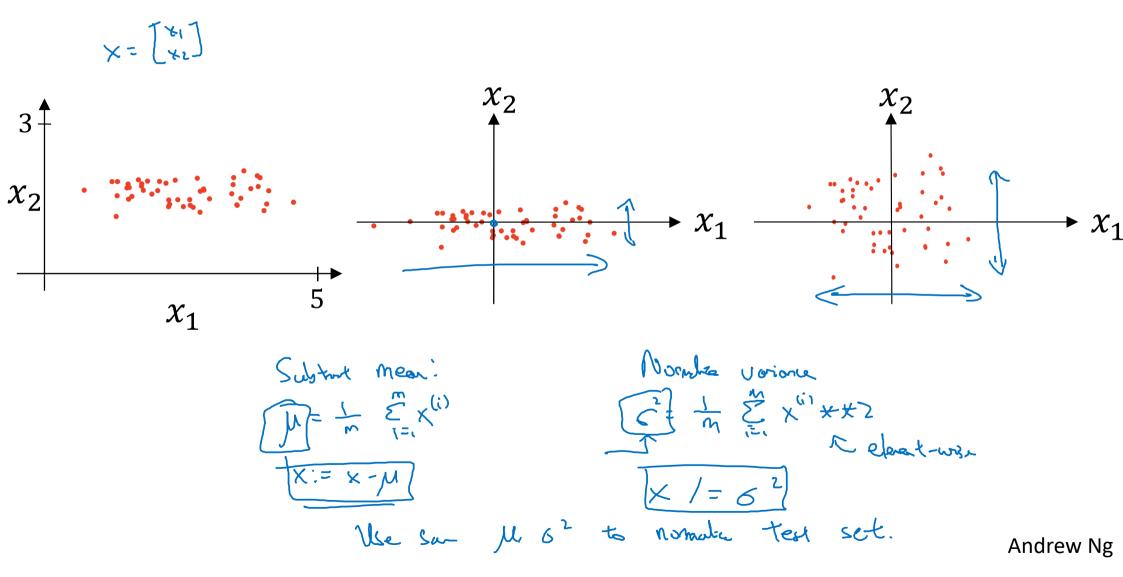


Setting up your optimization problem

Normalizing inputs

Normalizing training sets

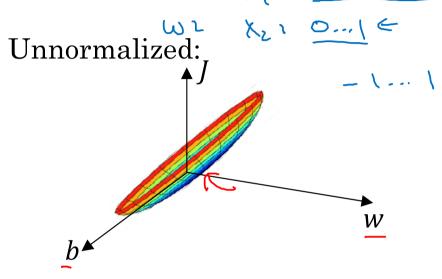


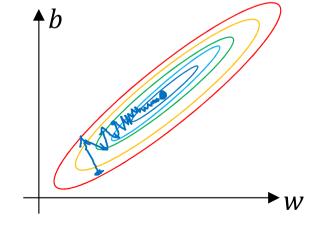
Why normalize inputs?

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









$$\chi_1: 0 \dots 1$$
 $\chi_2: -1 \dots 1$

