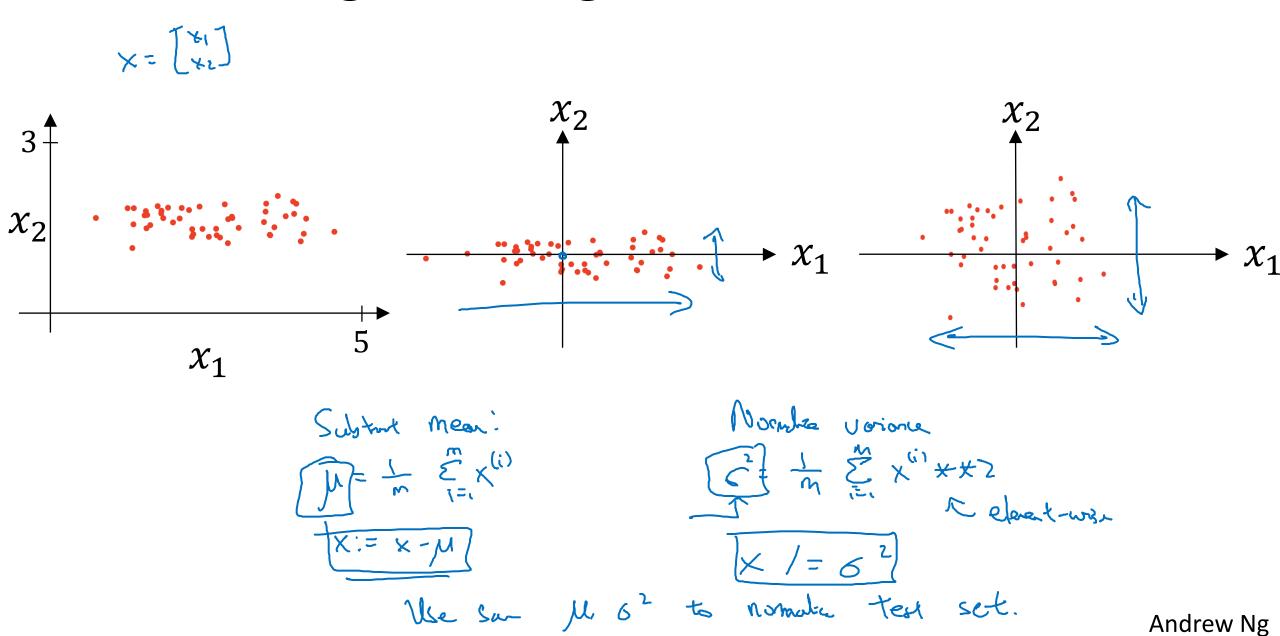


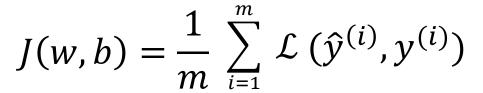
## Setting up your optimization problem

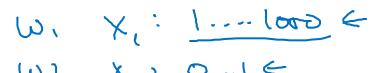
## Normalizing inputs

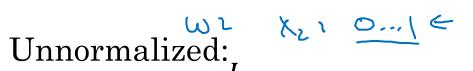
## Normalizing training sets

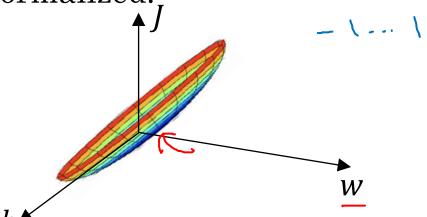


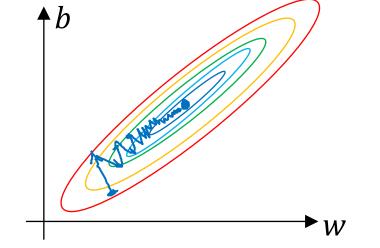
## Why normalize inputs?











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

