Week 2: Regression

- handling features

- feature scaling

- feature = feature / range

- mean normalization

- feature = (feature - mean(feature)) / range

- computing cost

- cost function

- prediction = parameters' \* features

- cost = 1/2m \* sum(prediction - label)^2

- improving theta(parameters)

- gradient descent

- parameters = parameter - learning rate \* 1/m \* (prediction - label) \* dateset’

- normal equation

- parameter = (dateset’ \* dataset)-1 \* X’ \* label