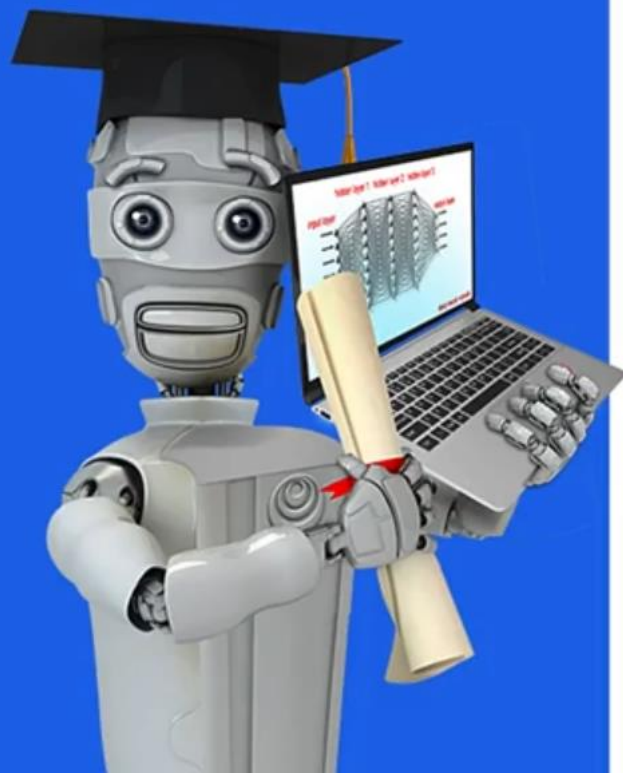


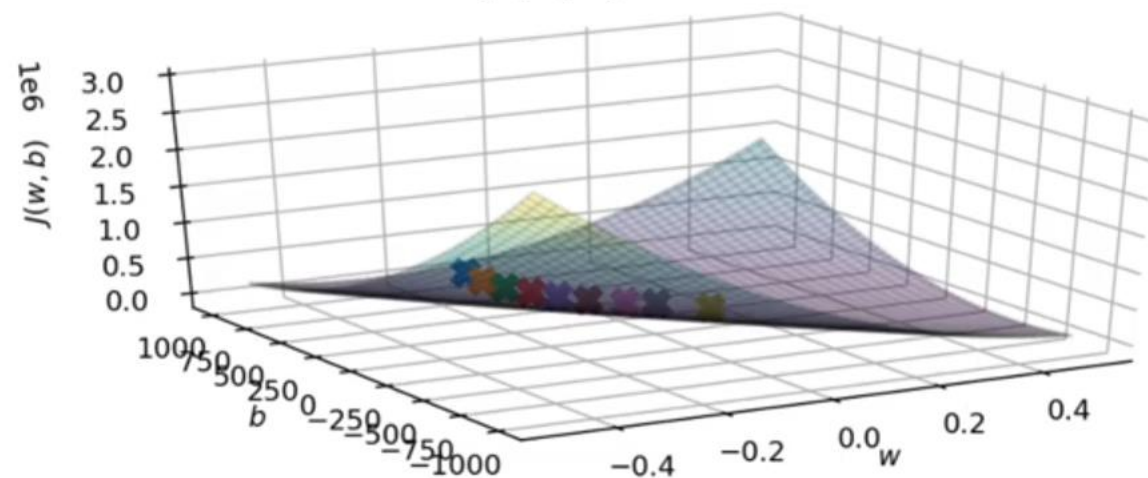
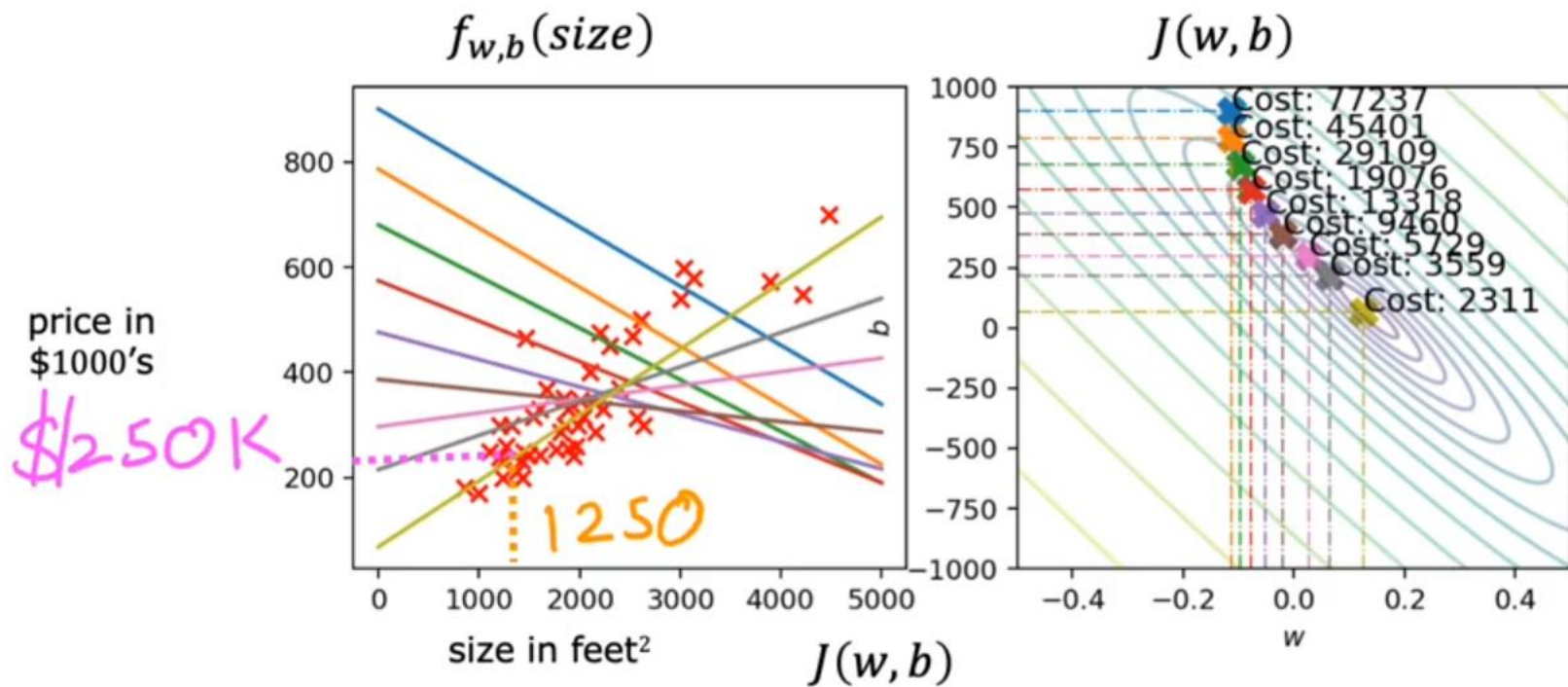
Stanford
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DeepLearning.AI



Training Linear Regression

Running
Gradient Descent



Batch gradient descent

THE BATC

Batch": Each step of gradient descent uses all the training examples.

other grad
descent: s

	x size in feet ²	y price in \$1000's
(1)	2104	400
(2)	1416	232
(3)	1534	315
(4)	852	178
...
(47)	3210	870

$m = 47$



$$\sum_{i=1}^m (f_{w,b}(x^{(i)}) - y^{(i)})^2$$

