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(Cost Function)

- In order to implement linear regression, the first key step is to define a cost function
- Cost function will tell as low well the model is doing

Ly Build Cost function to find out optimal W, b for truming data

Training set

features (2) Size In fect	targets (4) price \$1000's
2104	460
1416	232
1534	315
862	1118

> parameters in machine learning means
> variables can be adjusted dang
training in order to improve model

(What do W, b do?)

- Depending on the values chosen for wand b. different function (model) fox) occurs.

$$f_{w,b}(x) = wx + b$$





