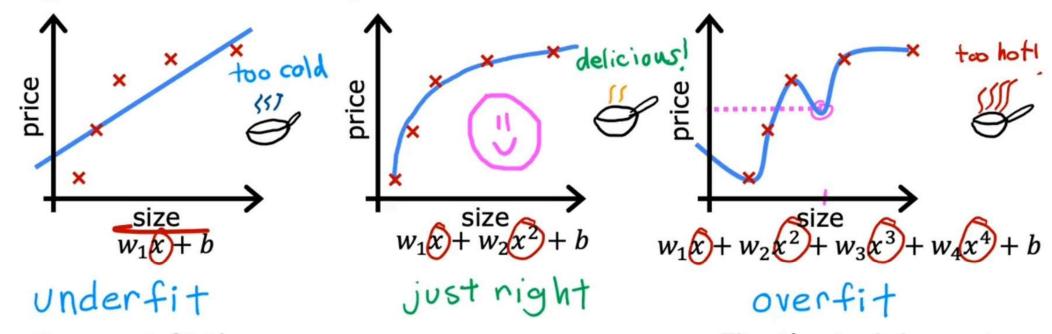


Regularization to Reduce Overfitting

The Problem of Overfitting

Regression example



 Does not fit the training set well

high bias

 Fits training set pretty well

generalization

 Fits the training set extremely well

high variance

Classification

