

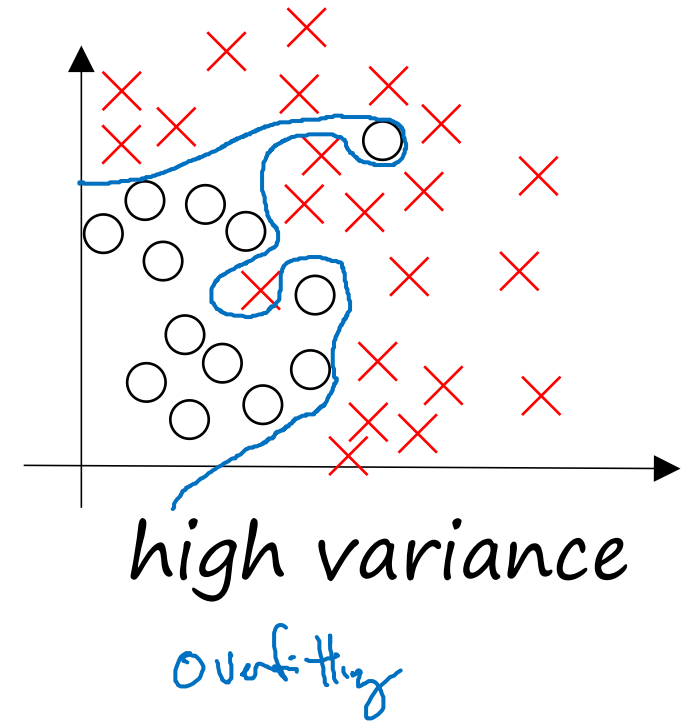
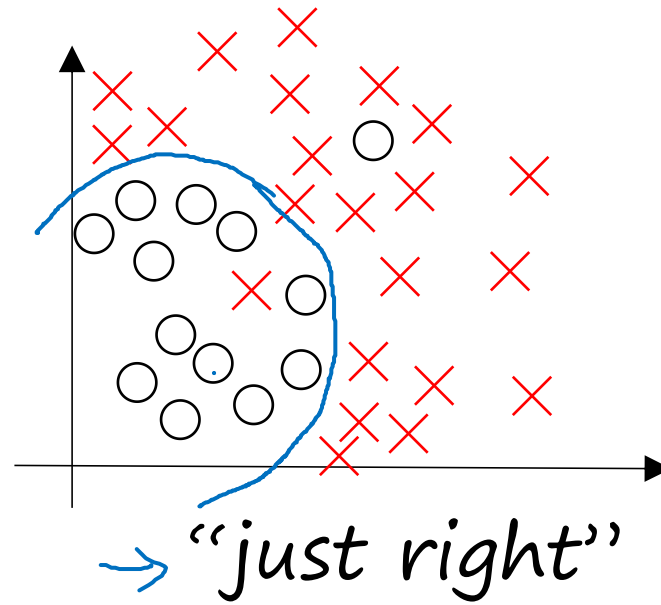
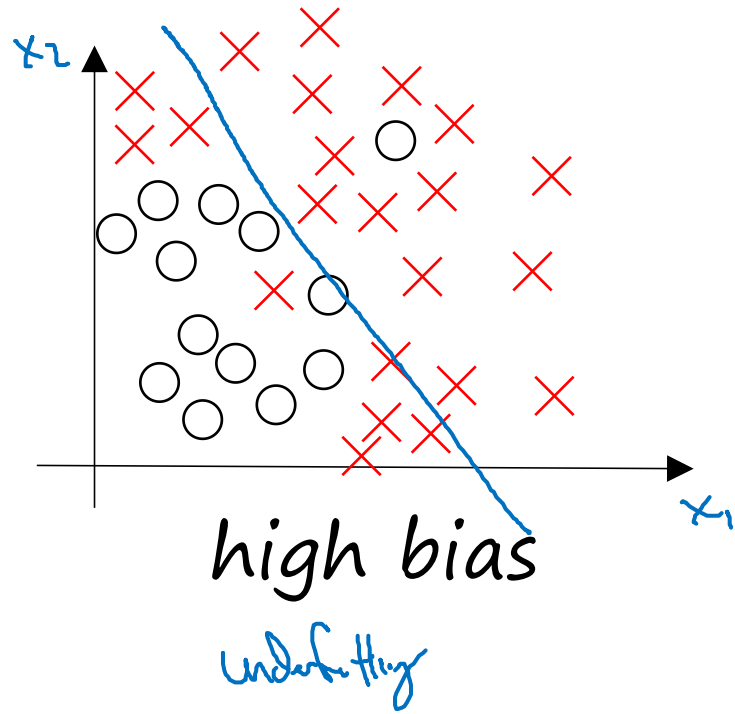


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Setting up your ML application

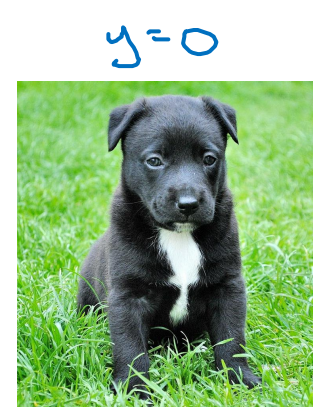
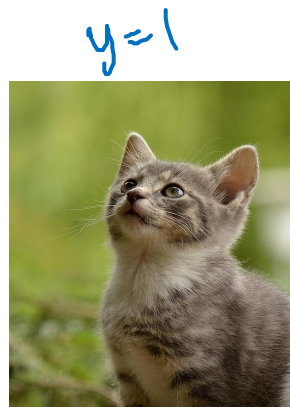
Bias/Variance

Bias and Variance



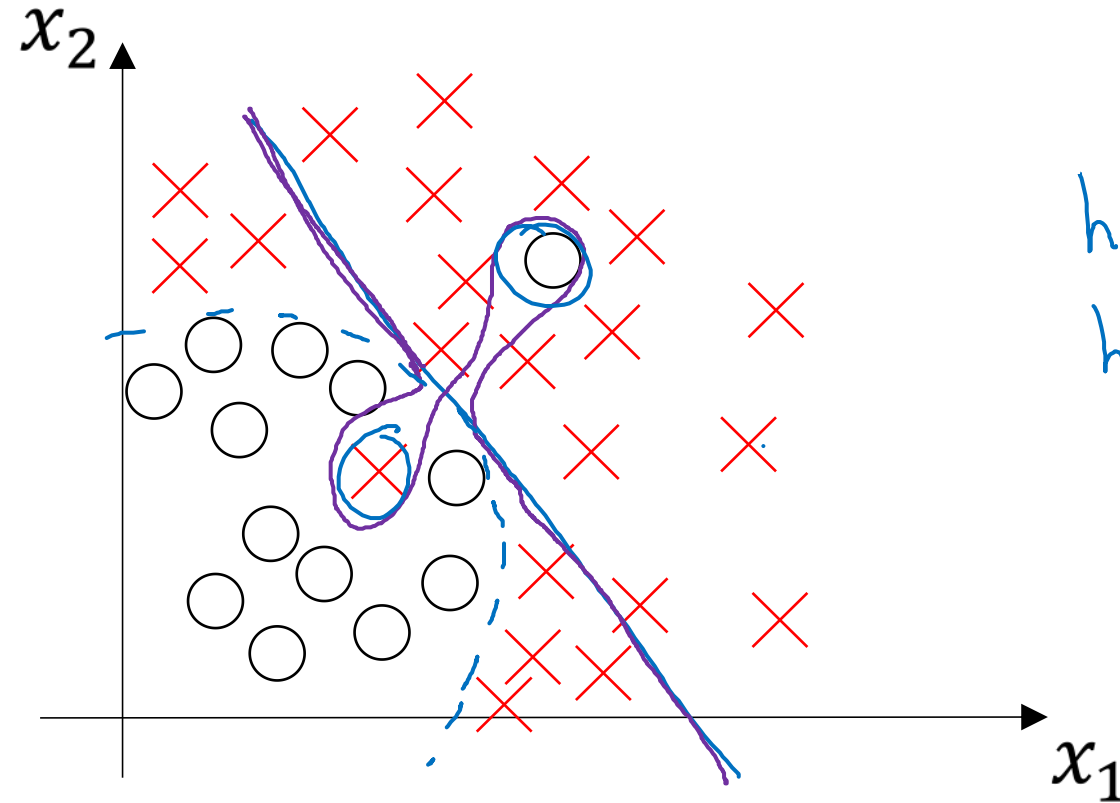
Bias and Variance

Cat classification



Train set error: 1%	15% \swarrow	15%	0.5%
Dev set error: 11%	16% \swarrow	30%	1%
	high variance \uparrow	high bias \uparrow	low bias low variance \uparrow
Human $\approx 0\%$		high bias & high variance	
Optimal (Bayes) error: ~0% 15%		Blurry images	

High bias and high variance



high bias
high variance



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Setting up your ML application

Basic “recipe” for machine learning

Basic “recipe” for machine learning

Basic recipe for machine learning

