

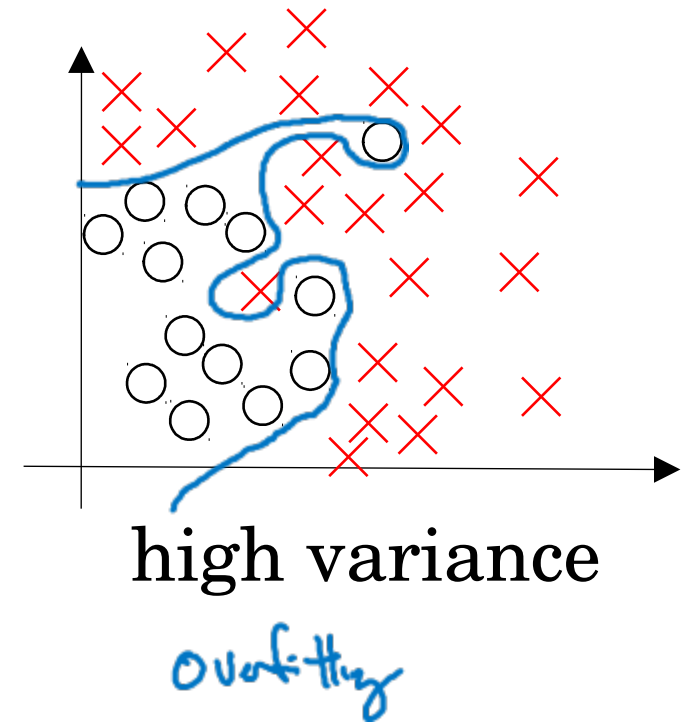
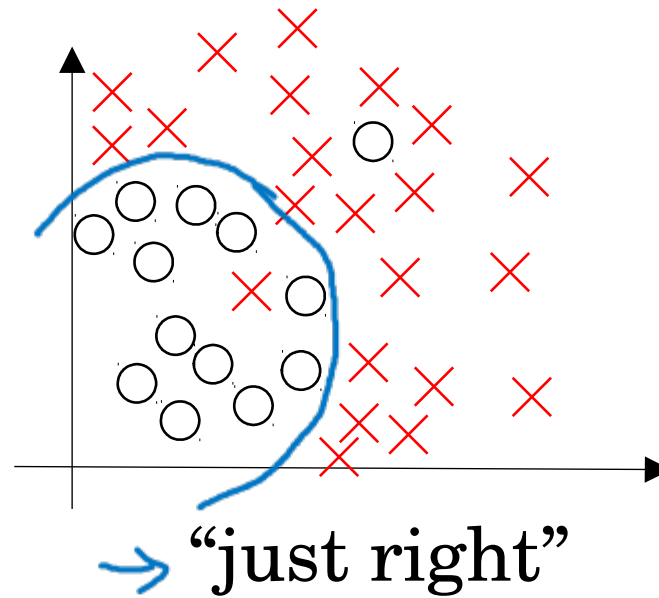
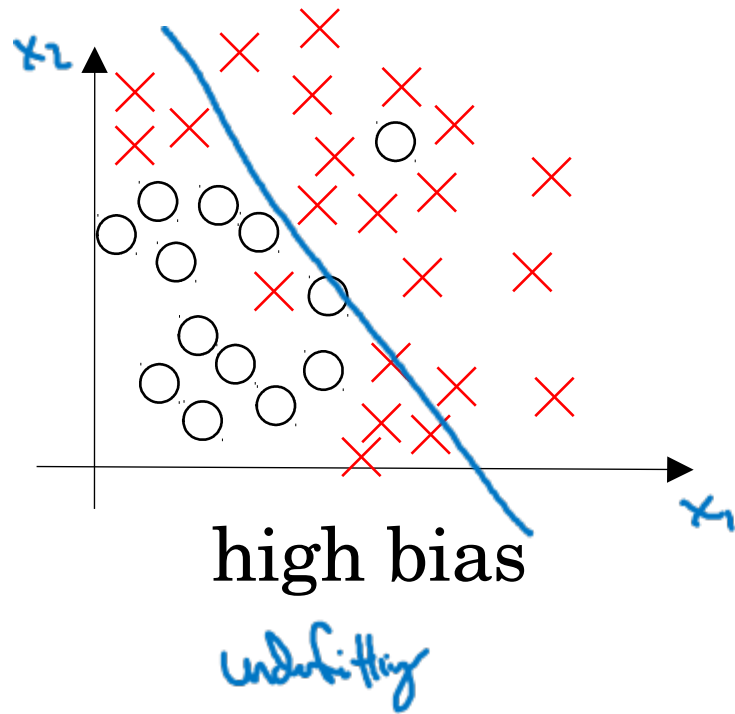


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Setting up your ML application

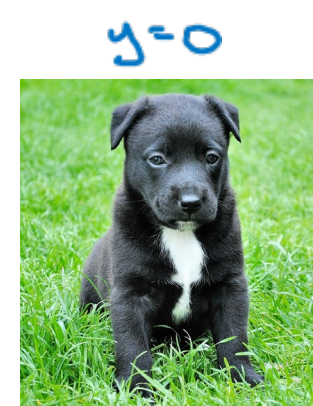
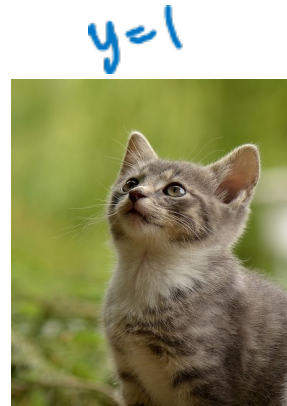
Bias/Variance

Bias and Variance



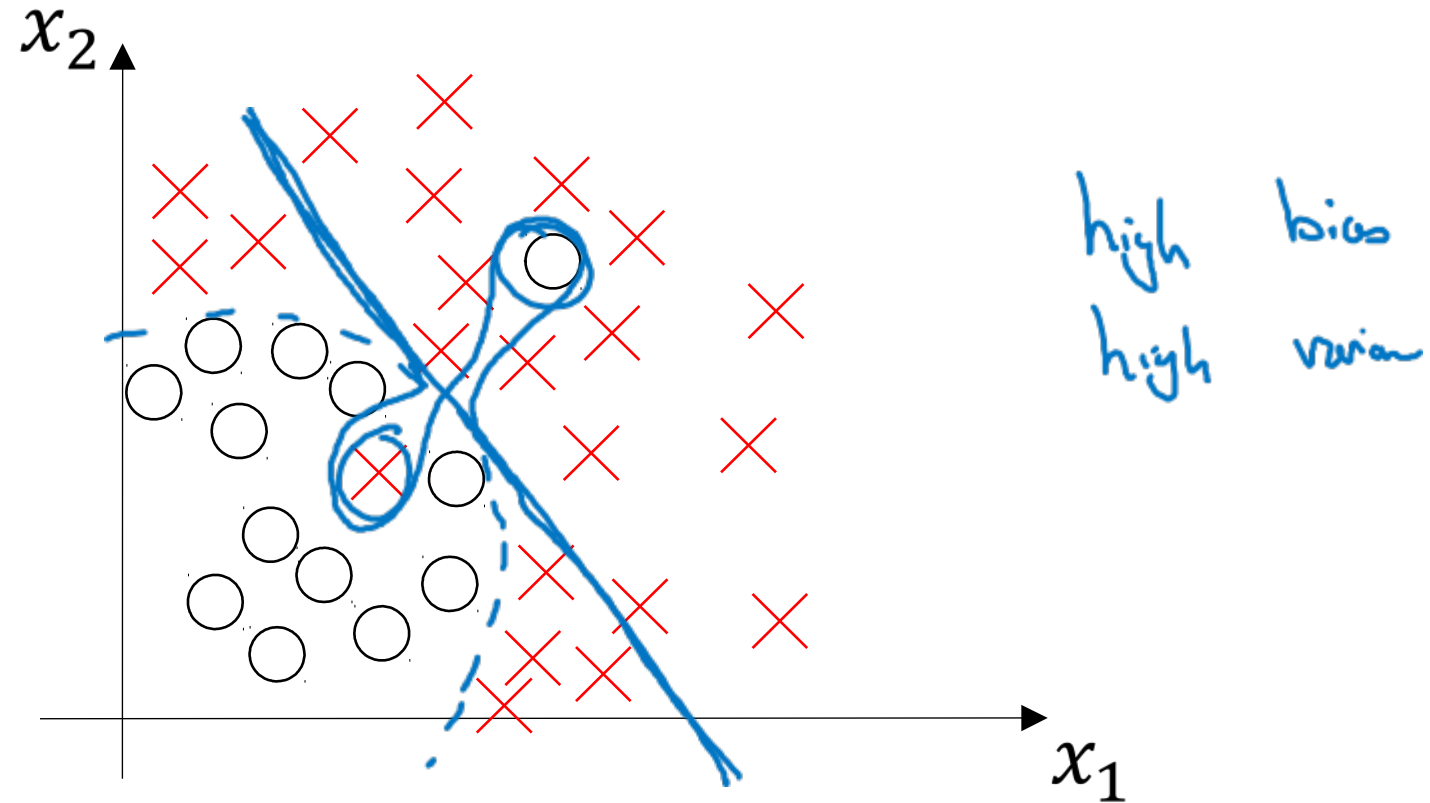
Bias and Variance

Cat classification



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

High bias and 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

