

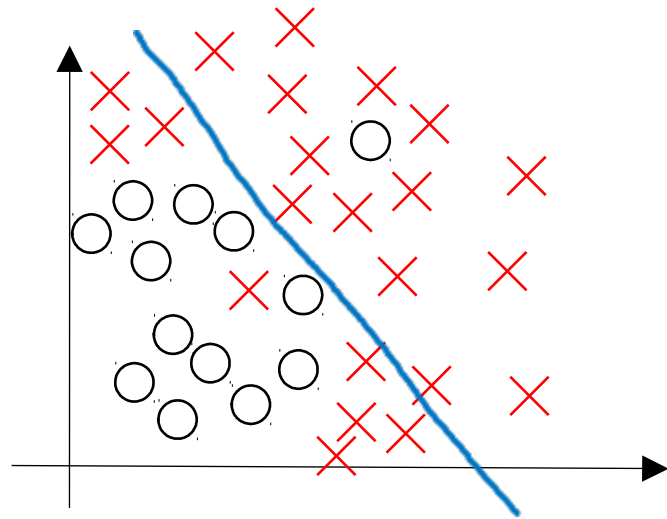


deeplearning.ai

Comparing to
human-level
performance

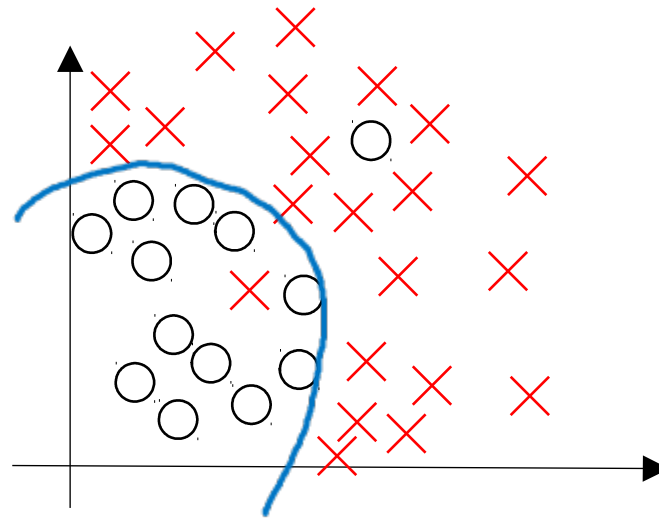
Avoidable bias

Bias and Variance

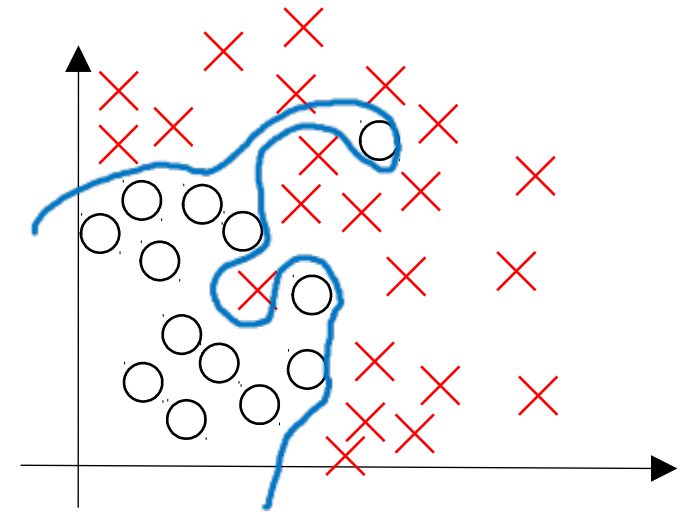


high bias

underfitting



“just right”



high variance

overfitting

Bias and Variance

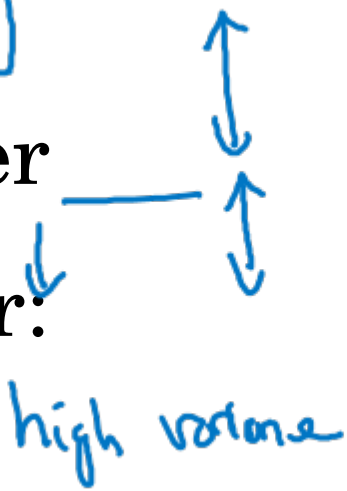
Cat classification



Human-level $\approx 0\%$...

Training set error

Dev set error:



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high bias

3%

high bias
high variance

0.5%

7%

low bias
low variance

Cat classification example

