

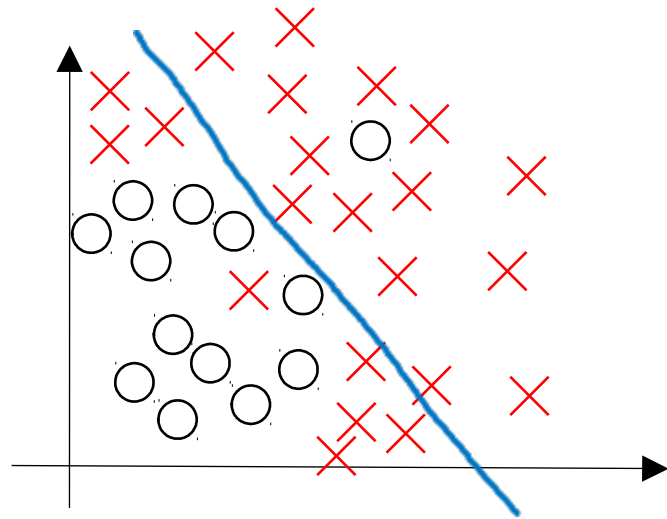


deeplearning.ai

Comparing to
human-level
performance

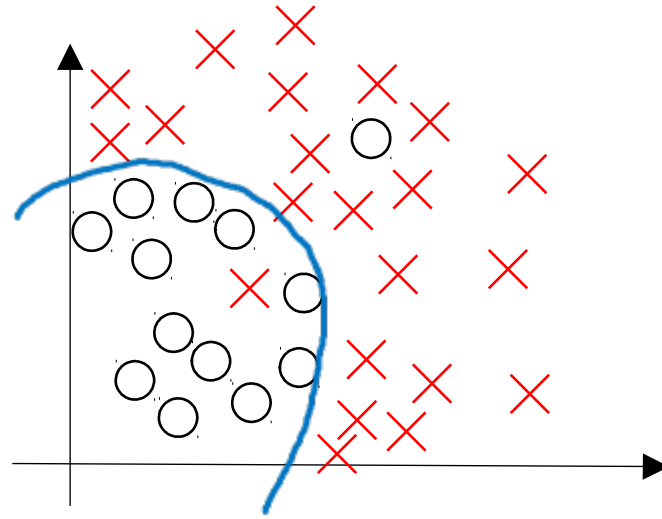
Avoidable bias

Bias and Variance

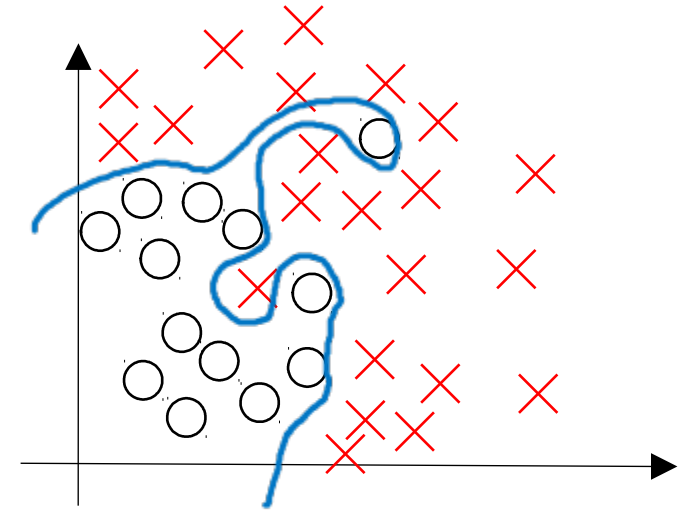


high bias

underfitting



“just right”



high variance

overfitting

Bias and Variance

Cat classification



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

Training set error

Dev set error:

0%

0.5

30%

70%

high variance

high bias

high bias
high variance

low bias
low variance

Cat classification example

