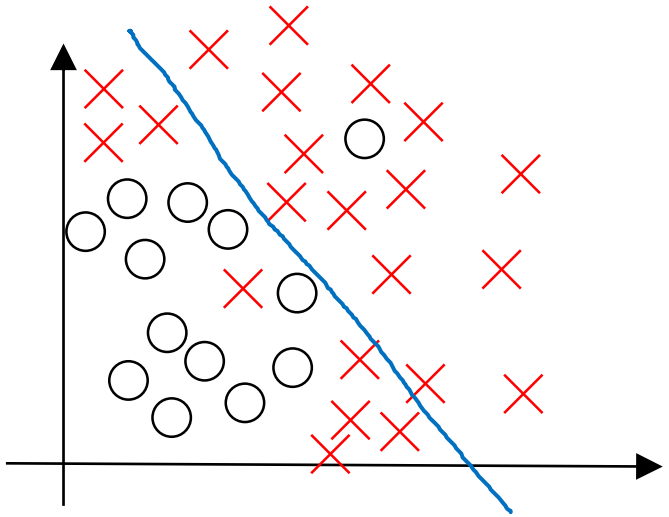
deeplearning.ai

Comparing to human-level performance

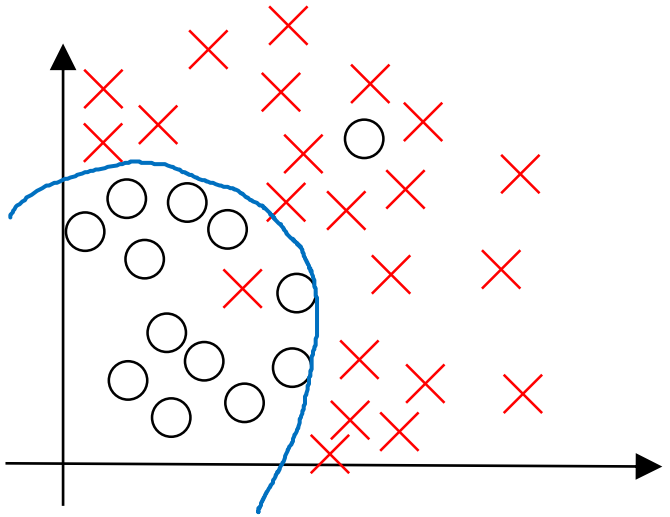
Avoidable bias

Bias and Variance

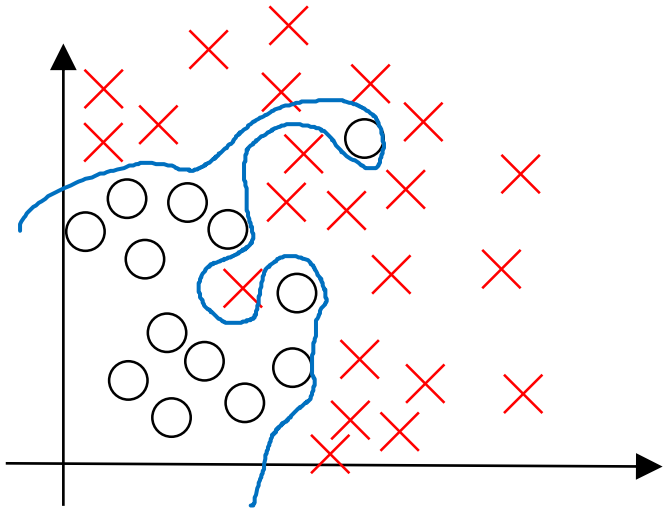


high bias

Underfitting



"just right"



high variance

Overfitting.

Bias and Variance

Cat classification

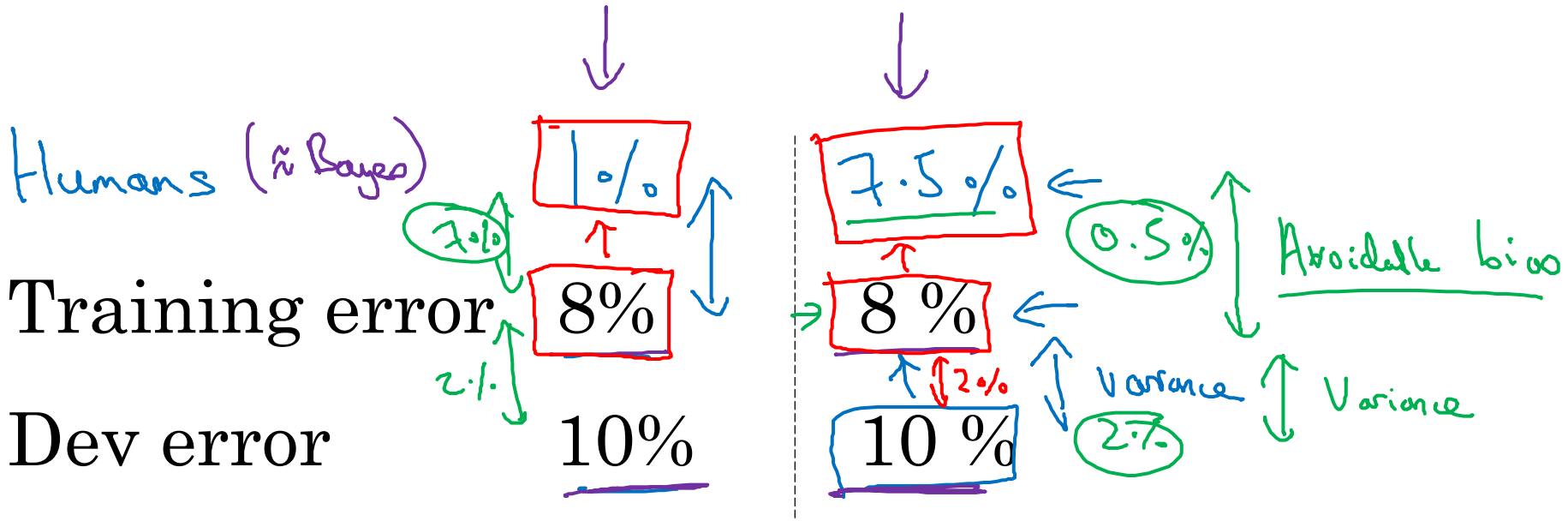
Human-level ≈ 0%

Training set error: 1% | 15% | 15% | 0.5%

Dev set error: 11% | 16% | 30% | 1%

high variance | high bias | high bias, high variance | low bias, low variance

Cat classification example



Human-level error as a proxy for Bayes error.