



deeplearning.ai

Mismatched training  
and dev/test data

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Bias and Variance with  
mismatched data  
distributions

# Cat classifier example

Assume humans get  $\approx 0\%$  error.

Training error

Dev error

Training-dev set: Same distribution as training set, but not used for training

# Bias/variance on mismatched training and dev/test sets

# More general formulation