



deeplearning.ai

Setting up
your goal

When to change
dev/test sets and
metrics

Cat dataset examples

Metric: classification error

Algorithm A: 3% error

Algorithm B: 5% error

Orthogonalization for cat pictures: anti-porn

1. So far we've only discussed how to define a metric to evaluate classifiers.
2. Worry separately about how to do well on this metric.



Another example

Algorithm A: 3% error

Algorithm B: 5% error

Dev/test



User images



If doing well on your metric + dev/test set does not correspond to doing well on your application, change your metric and/or dev/test set.