

Setting up your goal

When to change dev/test sets

Cat dataset examples



→ Metric: classification error

Algorithm A: 3% error

/ Algorithm B: 5% error

$$\begin{cases}
Error: \frac{1}{E_{i}\omega^{(i)}} & \frac{1}{W_{abo}} & \frac{1}{E_{i}}\omega^{(i)} & \frac{1}{W_{abo}} & \frac{1}{W_{$$

Orthogonalization for cat pictures: anti-porn

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



Another example

Algorithm A: 3% error

✓ Algorithm B: 5% error ←





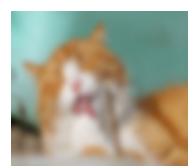




→ User images







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.