



**deeplearning.ai**

# Setting up your goal

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## Train/dev/test distributions

# Cat classification dev/test sets

development set, hold out cross validation set

Regions:

- US
- UK
- Other Europe
- South America
- India
- China
- Other Asia
- Australia

Dev

Test

→ Randomly shuffle into dev/test



dev set  
+  
metric

Idea

Experiment

Code

# True story (details changed)

[ Optimizing on dev set on loan approvals for  
medium income zip codes

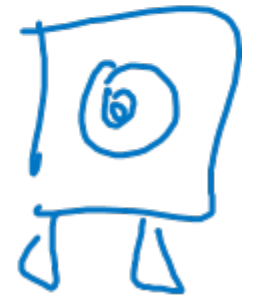


$x \rightarrow y$  (repay loan?)



[ Tested on low income zip codes

$\sim 3$  month



# Guideline

Choose a dev set and test set to reflect data you expect to get in the future and consider important to do well on.

training



dev  
matrix

test