



deeplearning.ai

# Setting up your ML application

## Train/dev/test sets

### Applied ML is a highly iterative process

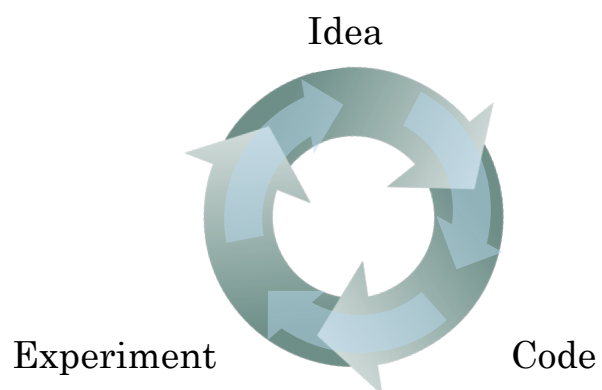
# layers

# hidden units

learning rates

activation functions

...



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## Train/dev/test sets

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## Mismatched train/test distribution

Training set:  
Cat pictures from  
webpages

Dev/test sets:  
Cat pictures from  
users using your app

Not having a test set might be okay. (Only dev set.)

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