



deeplearning.ai

Setting up your ML application

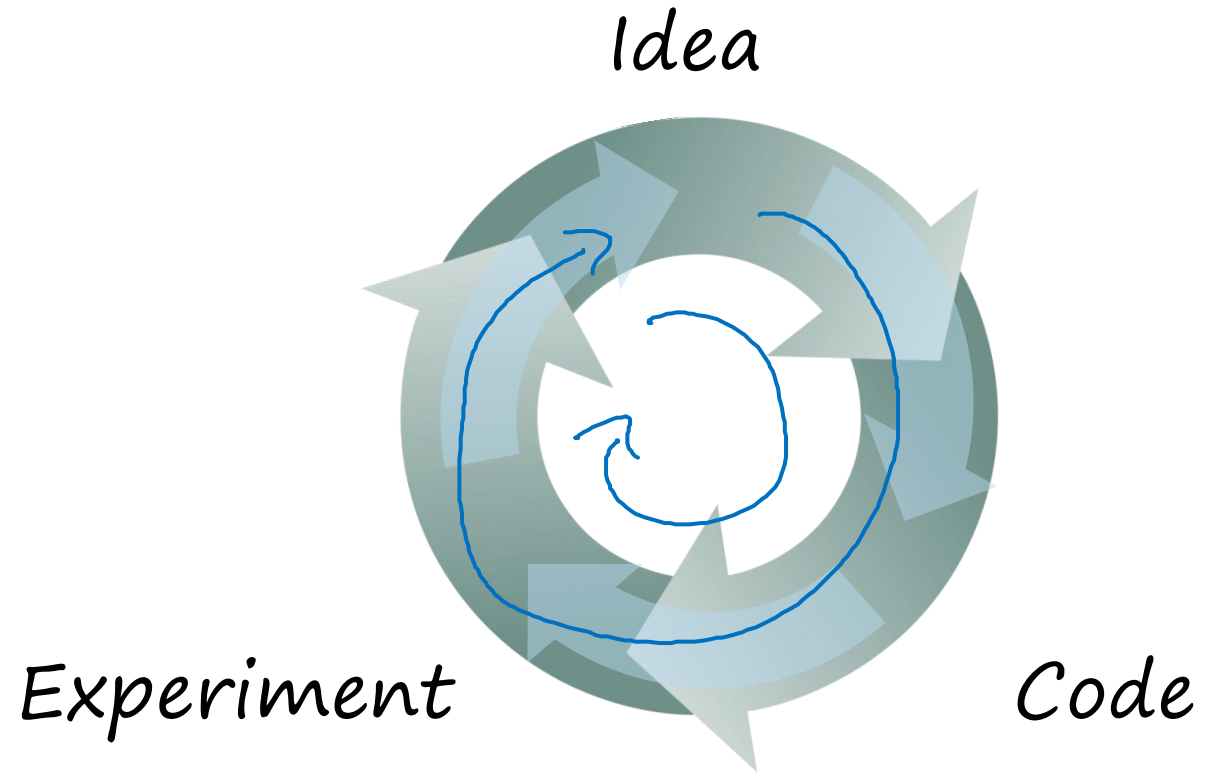
Train/dev/test sets

Applied ML is a highly iterative process

layers
hidden
units
learning rates

activation functions

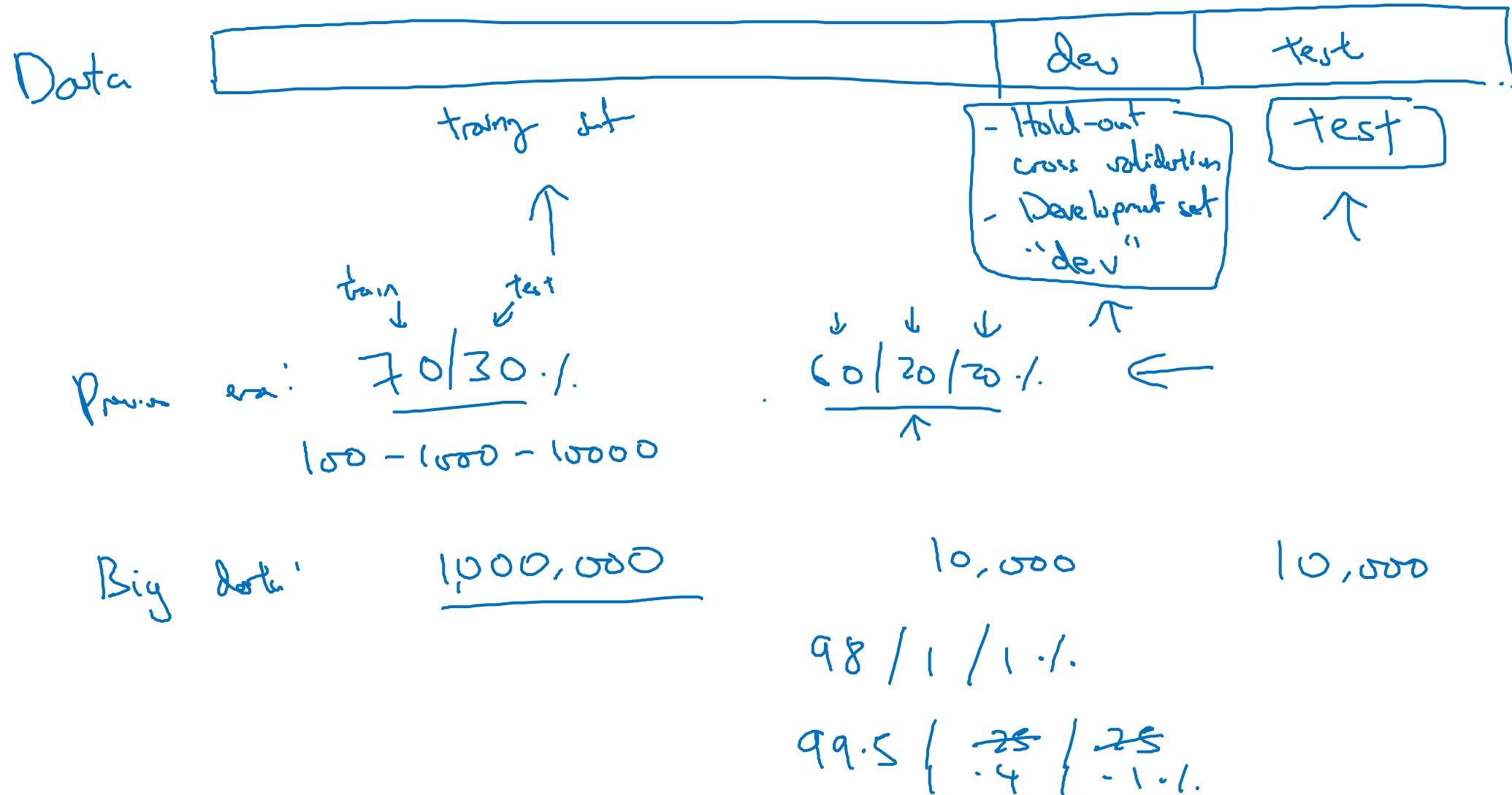
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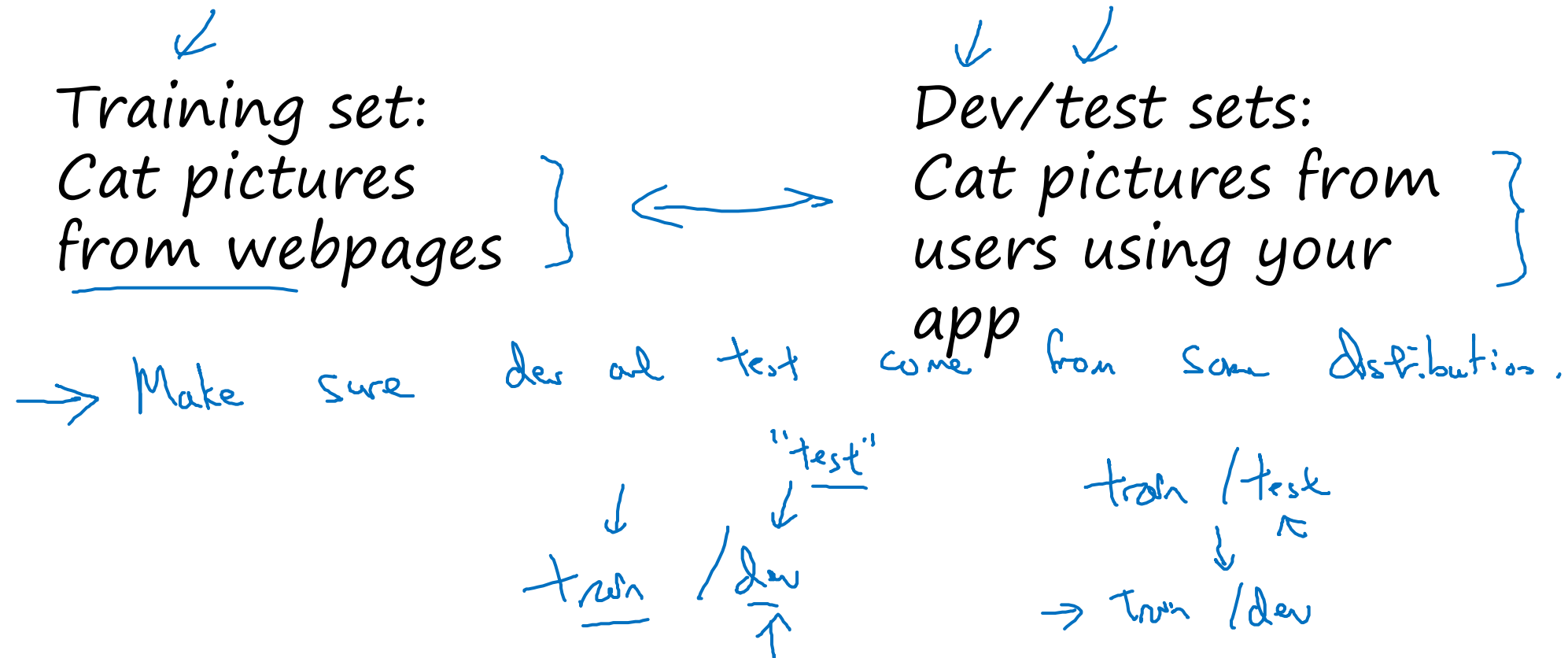
NLP, Vision, Speech, Structured Data

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graph TD; NLP --- NV[NLP, Vision]; NV --> NV; Speech --- ADS[Ads]; Speech --- Search; Speech --- Security; ADS --> ADS; Security --- LG[Logistic ...]; Security --> LG;
```

Train/dev/test sets



Mismatched train/test distribution Certs



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