



deeplearning.ai

Setting up your ML application

Train/dev/test sets

Applied ML is a highly iterative process

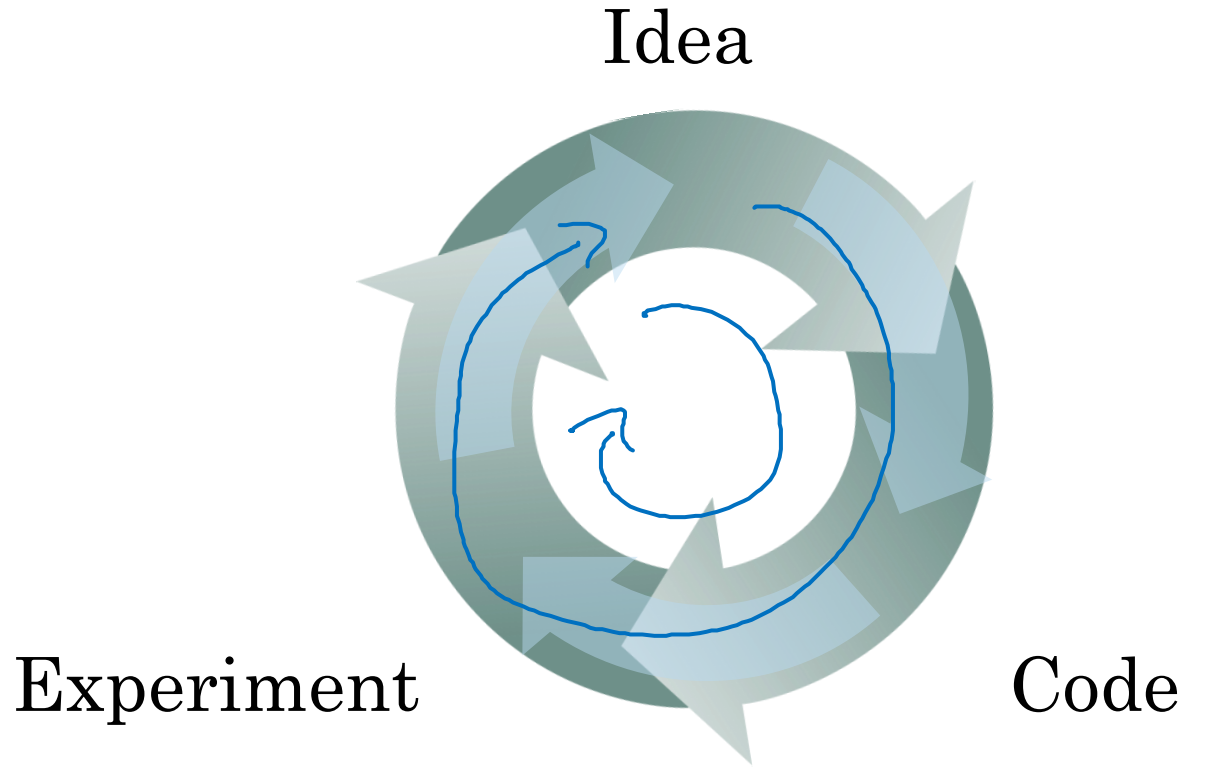
layers

hidden units

learning rates

activation functions

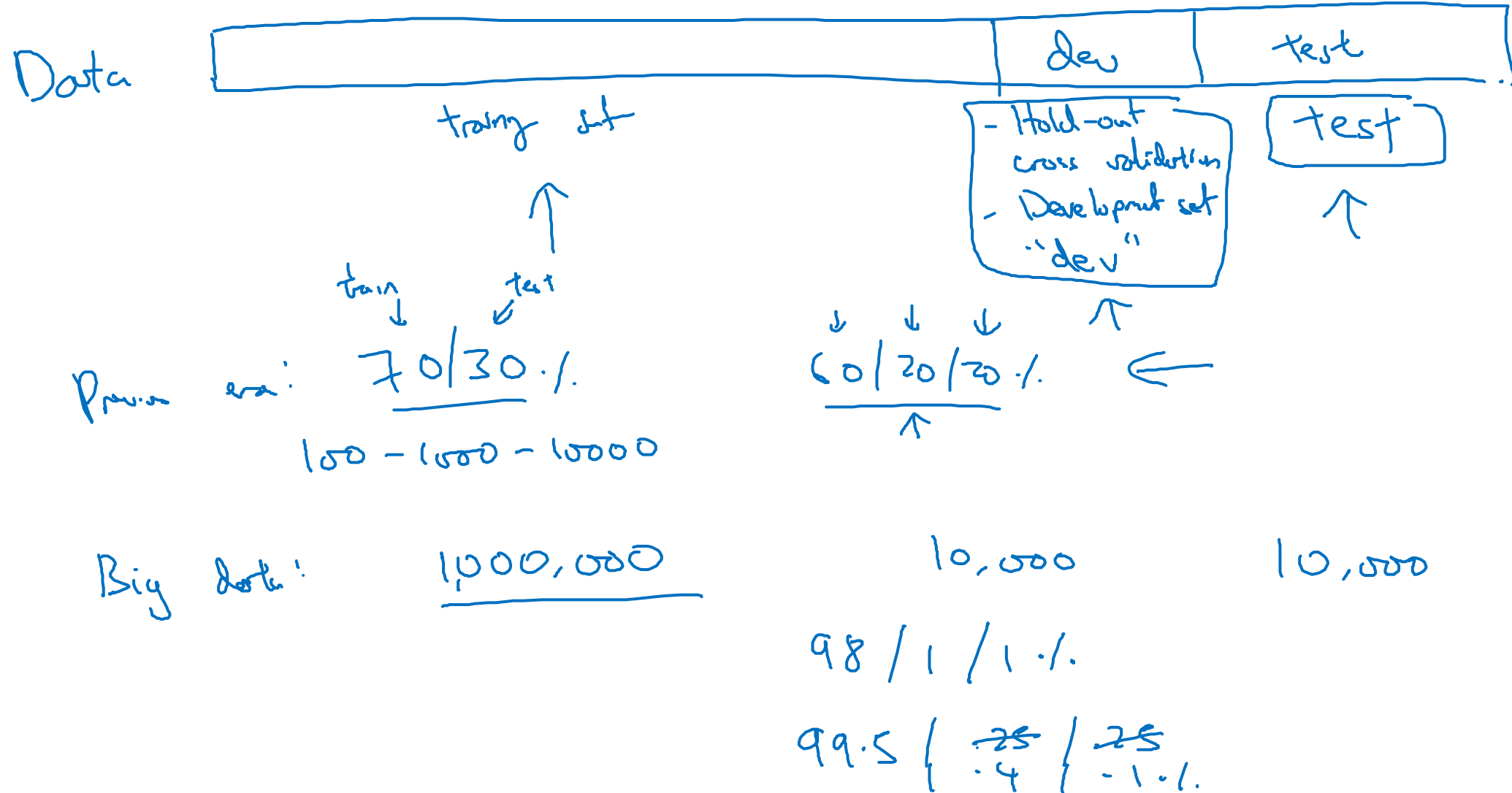
...



NLP, Vision, Speech, Structural data

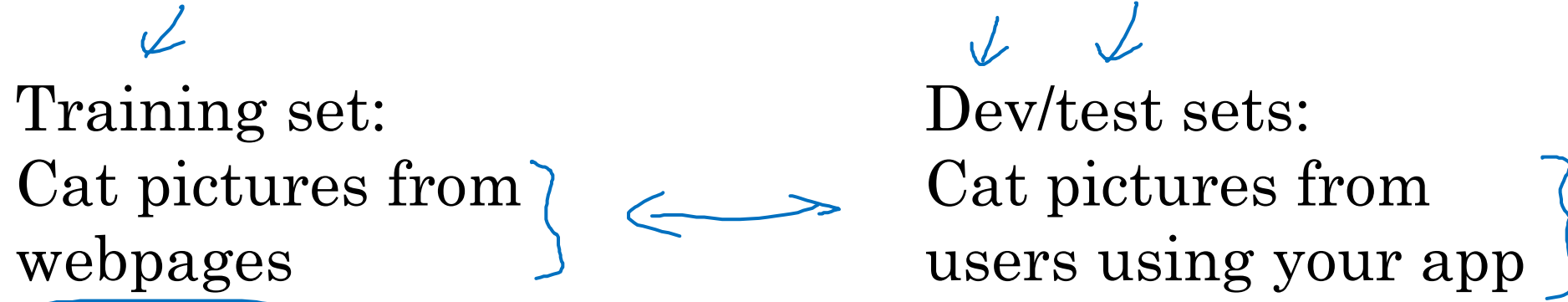
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graph TD; A["NLP, Vision, Speech"] --> B["Structural data"]; B --> C["Ads"]; B --> D["Search"]; B --> E["Security"]; B --> F["logistic ..."]; E --> G[" "];
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Train/dev/test sets

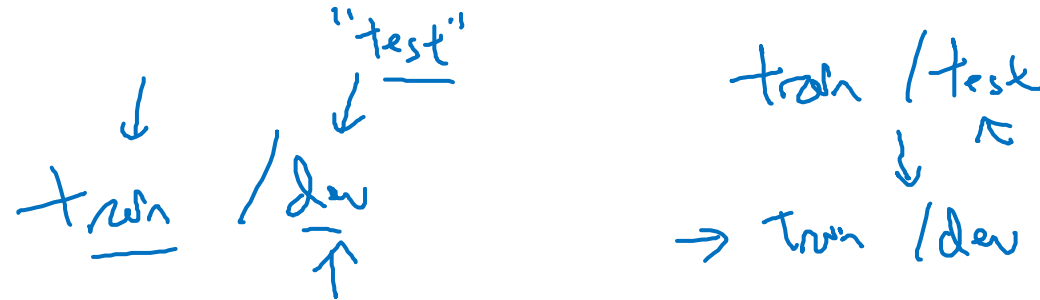


Mismatched train/test distribution

Certs



→ Make sure dev and test come from same distribution.



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