

## Mismatched training and dev/test data

Bias and Variance with mismatched data distributions

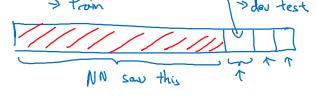
## Cat classifier example distinct

Assume humans get  $\approx 0\%$  error.

Training error ..... 10%.

Dev error ...... 10%. 2 effects { variance date historiah

deshe a new piece of data Training-dev set: Same distribution as training set, but not used for training



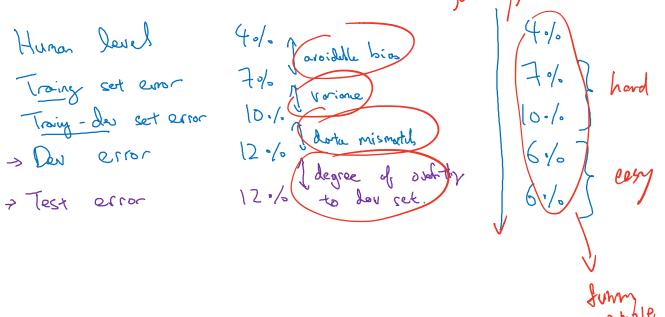
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Deu emor

Traiz-des error

Vorione 12.6 Bio

Bias/variance on mismatched training and dev/test sets



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## More general formulation

give more edulational marginus

Reasures milror

