



deeplearning.ai

Mismatched training
and dev/test data

Addressing data
mismatch

Addressing data mismatch

- • Carry out manual error analysis to try to understand difference between training and dev/test sets

E.g. noisy - car noise

street numbers

- • Make training data more similar; or collect more data similar to dev/test sets

E.g. Simulate noisy in-car data

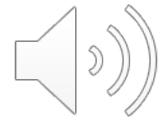
Artificial data synthesis



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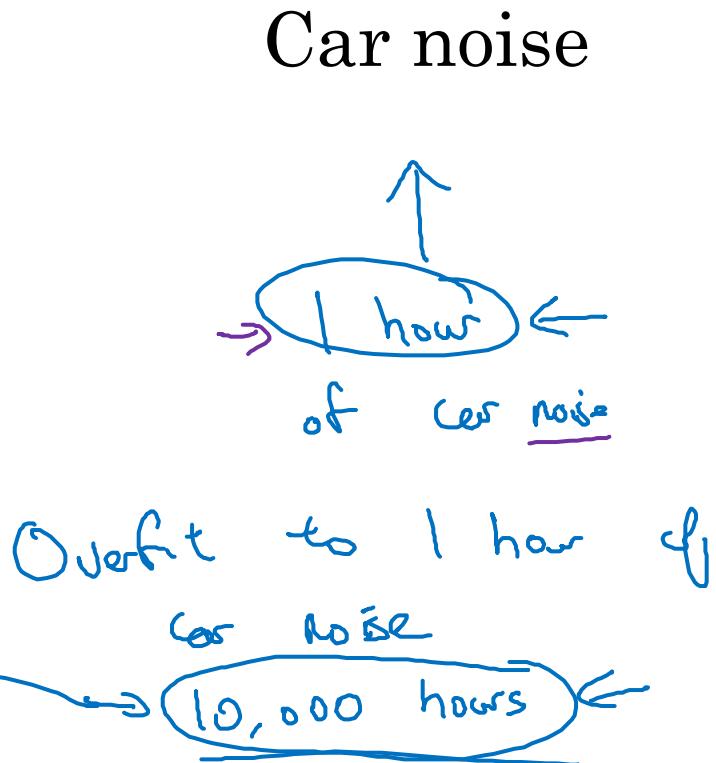


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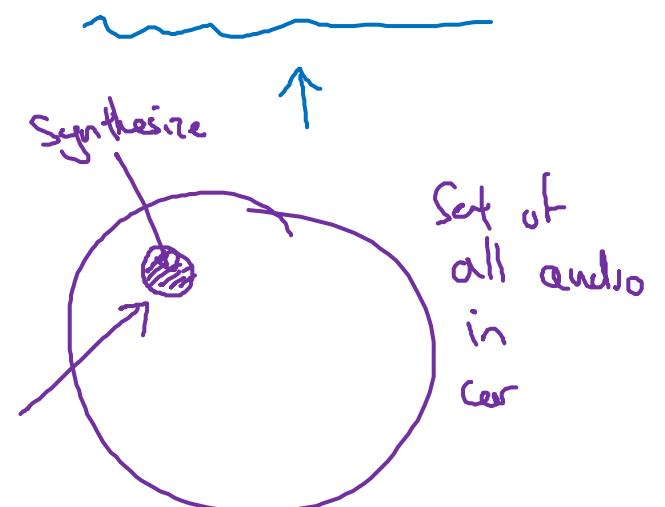


“The quick brown  fox jumps over the lazy dog.”

10,000 hours



Synthesized in-car audio



Artificial data synthesis

Car recognition:



≈ 20 cars

