



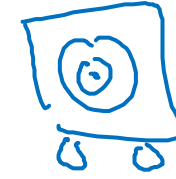
deeplearning.ai

# Error Analysis

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Build your first system  
quickly, then iterate

# Speech recognition example



- • Noisy background
  - • Café noise
  - • Car noise
- • Accented speech
- • Far from microphone far-field speech recognition
- • Young children's speech
- • Stuttering *uh, ah, um, ...*
- • ...

- • Set up dev/test set and metric
- Build initial system quickly
- Use Bias/Variance analysis & Error analysis to prioritize next steps.

**Guideline:** Build your first system quickly, then iterate