



deeplearning.ai

# Introduction to ML strategy

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## Why ML Strategy?

# Motivating example



90%

## Ideas:

- Collect more data ←
- Collect more diverse training set
- Train algorithm longer with gradient descent
- Try Adam instead of gradient descent
- Try bigger network
- Try smaller network
- Try dropout
- Add  $L_2$  regularization
- Network architecture
  - Activation functions
  - # hidden units
  - ...