



deeplearning.ai

Introduction to ML strategy

Orthogonalization

TV tuning example



Car



Chain of assumptions in ML

→ Fit training set well on cost function



(≈ human-level performance)

→ Fit dev set well on cost function
Bigger network
Adam
...

early stopping

→ Fit dev set well on cost function



→ Fit test set well on cost function
Regularization
Bigger train set.

→ Fit test set well on cost function

Bigger dev set.



→ Performs well in real world

(Happy cat Pic app users)

Change dev set or
cost function