



deeplearning.ai

Comparing to human-  
level performance

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Surpassing human-  
level performance

# Surpassing human-level performance

Team of humans

0.5%

One human

0.1 ~~1.0%~~

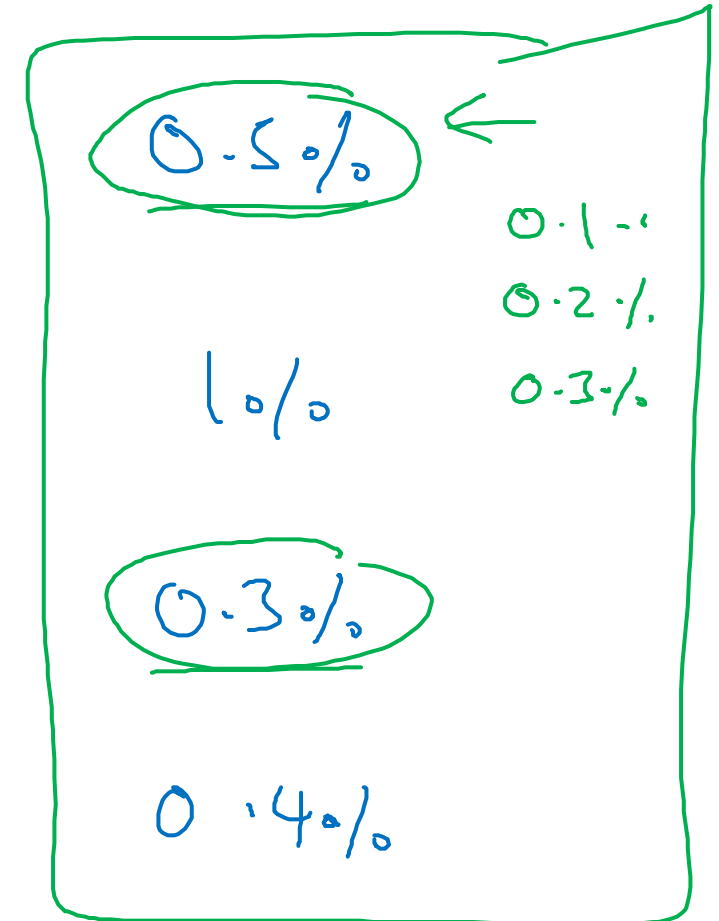
Training error

0.6%

Dev error

0.2  
0.8%

What is avoidable bias?



# Problems where ML significantly surpasses human-level performance

- - Online advertising
- - Product recommendations
- - Logistics (predicting transit time)
- - Loan approvals

Structured data database

Not natural perception

lots of data

- Speech recognition
- Some image recognition
- Medical
  - ECG, Skin cancer, ...

or certain narrow radiology task.