deeplearning.ai

Comparing to human-level performance

Surpassing human-level performance

Surpassing human-level performance

Team of humans   0.5%

One human   ~~1%~~   0.1
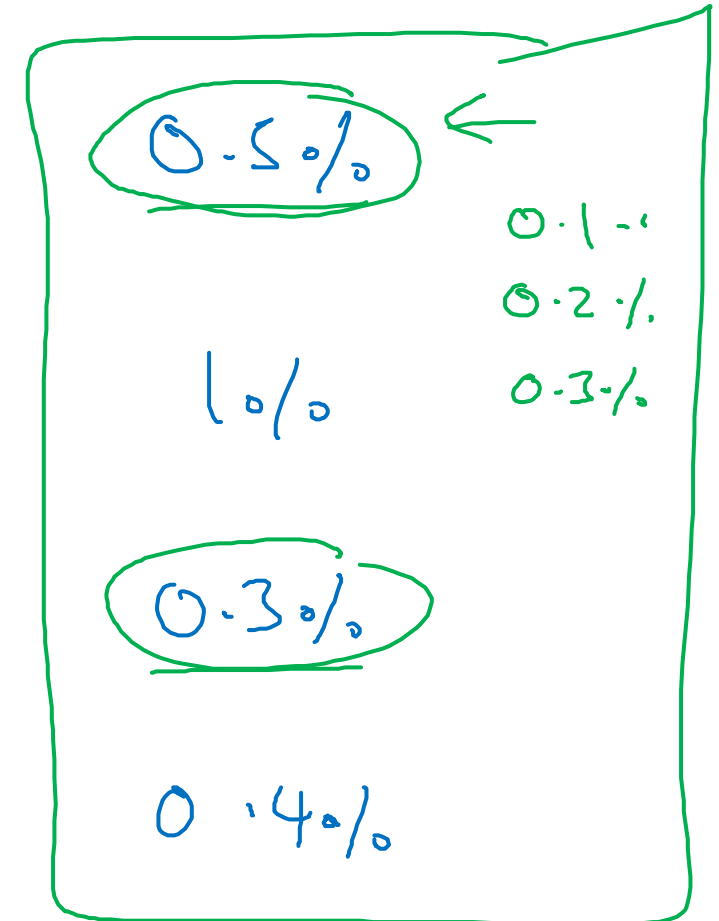
Training error   0.6%   0.2

Dev error   0.8%

What is <u>avoidable bias</u>?

0.5%
0.1%
0.2%
0.3%
1%
0.3%
0.4%

Problems where ML significantly surpasses human-level performance

→ - Online advertising

→ - Product recommendations

→ - Logistics (predicting transit time)

→ - Loan approvals

Structured data

Not Natural perception

Lots of data

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

Andrew Ng