



deeplearning.ai

Comparing to human-
level performance

Surpassing human-
level performance

Surpassing human-level performance

Team of humans

0.5%

One human

0.1

~~1.0%~~

Training error

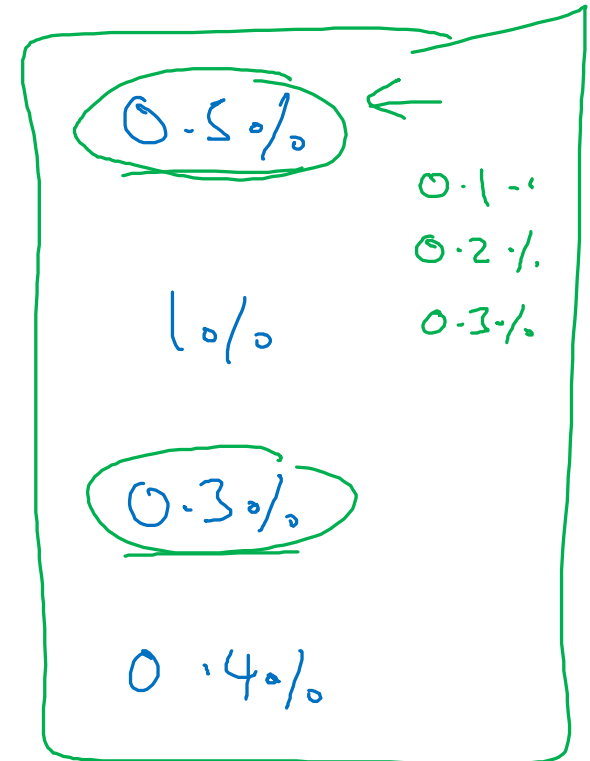
0.6%

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

Not natural perception

Lots of data

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