



deeplearning.ai

Comparing to
human-level
performance

Surpassing
human- level
performance

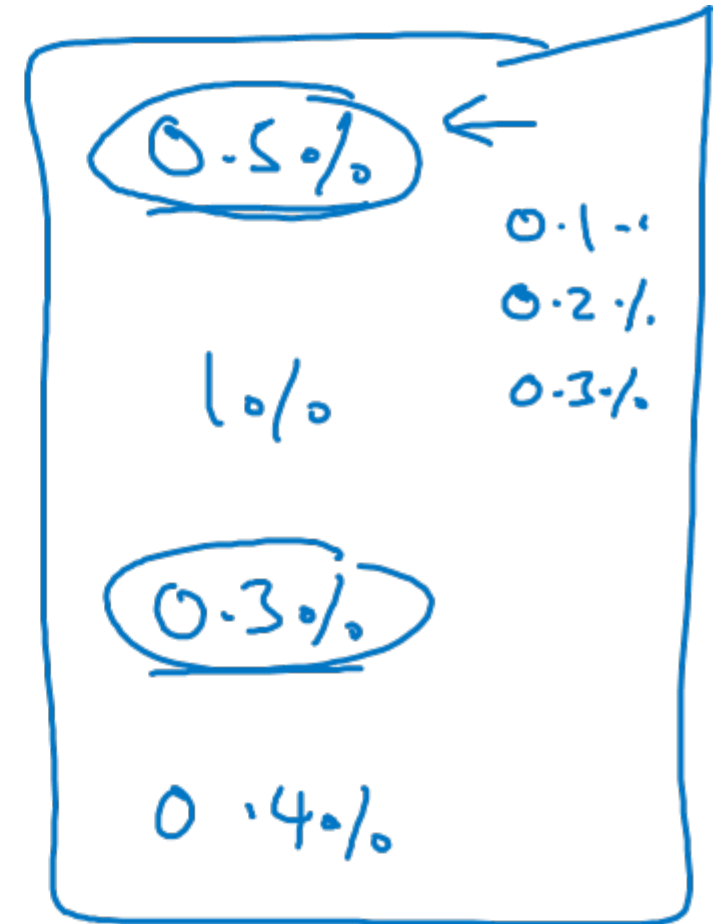
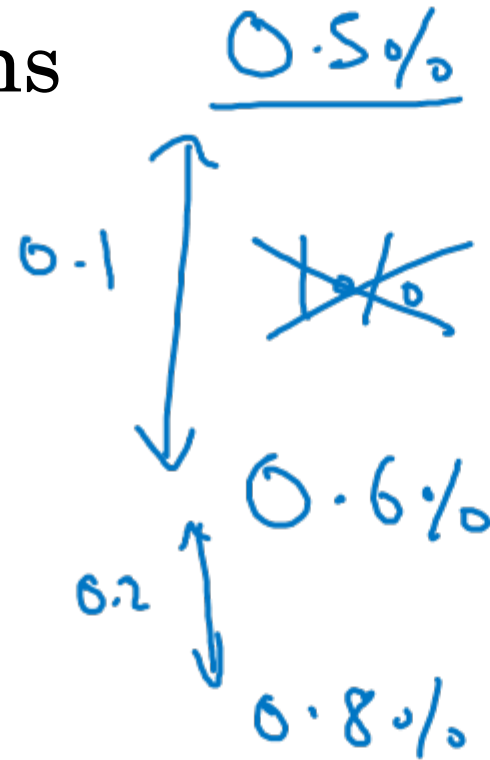
Surpassing human-level performance

Team of humans

One human

Training error

Dev error



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, ...