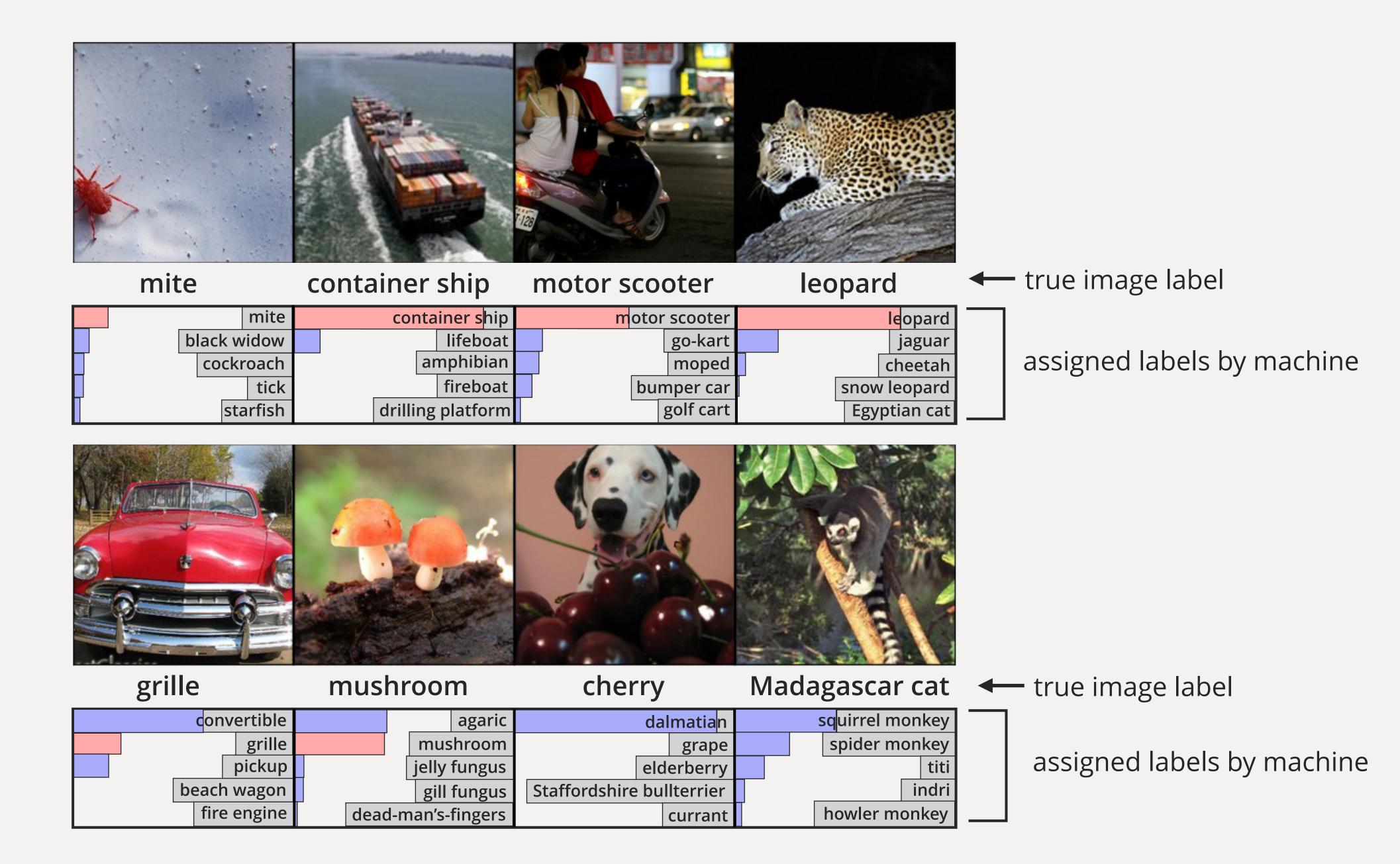
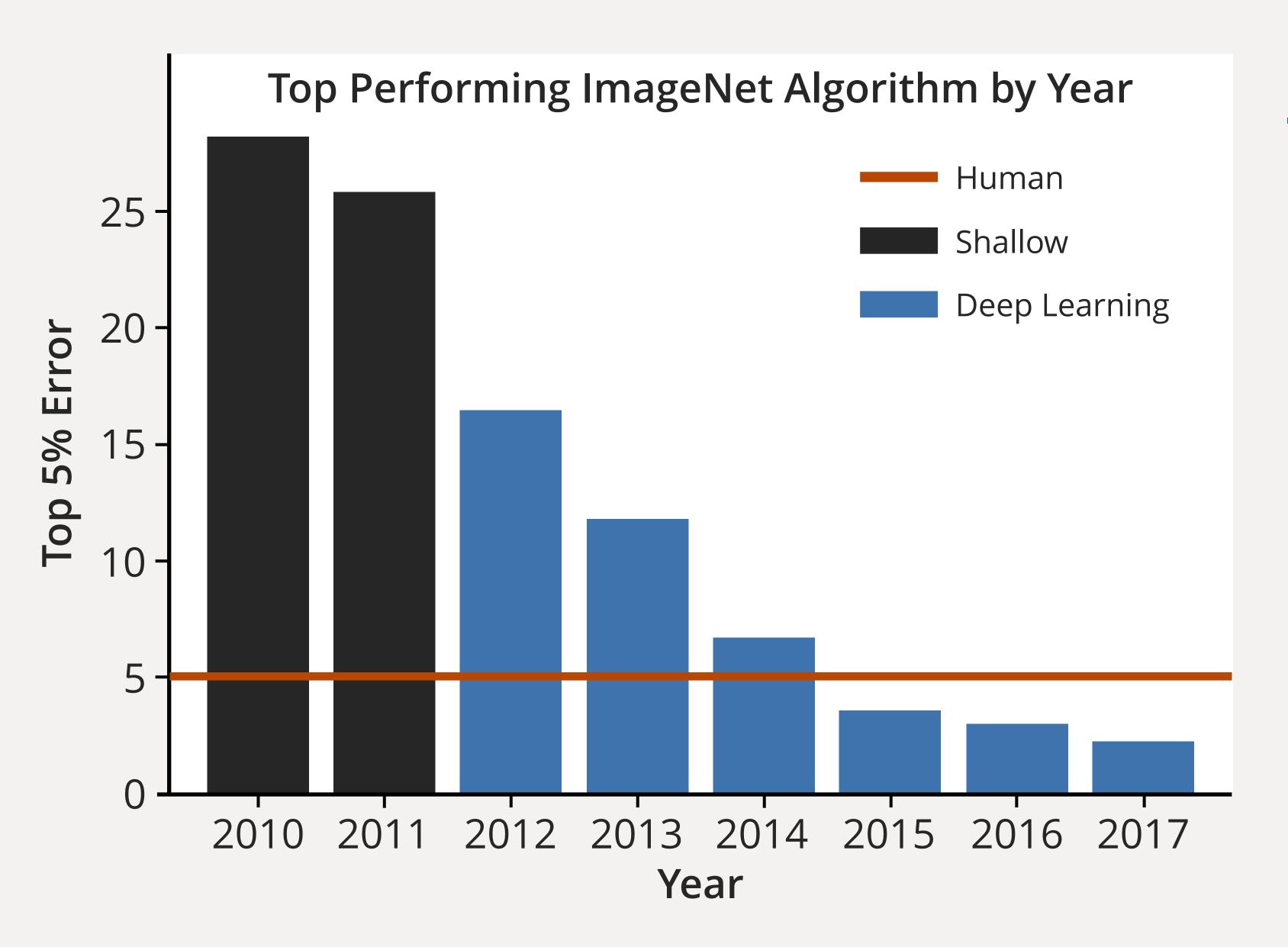


What is machine learning?

Why is there so much attention on machine learning?



ImageNet Challenge

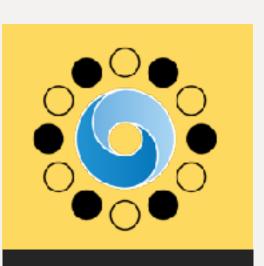


Convolutional Neural Network

- First used in 2012 at scale
- Outperforms humans on the same task

Deep Learning in Games



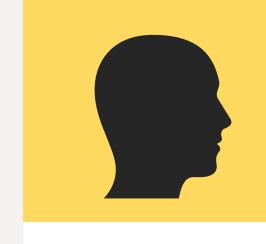


AlphaGo

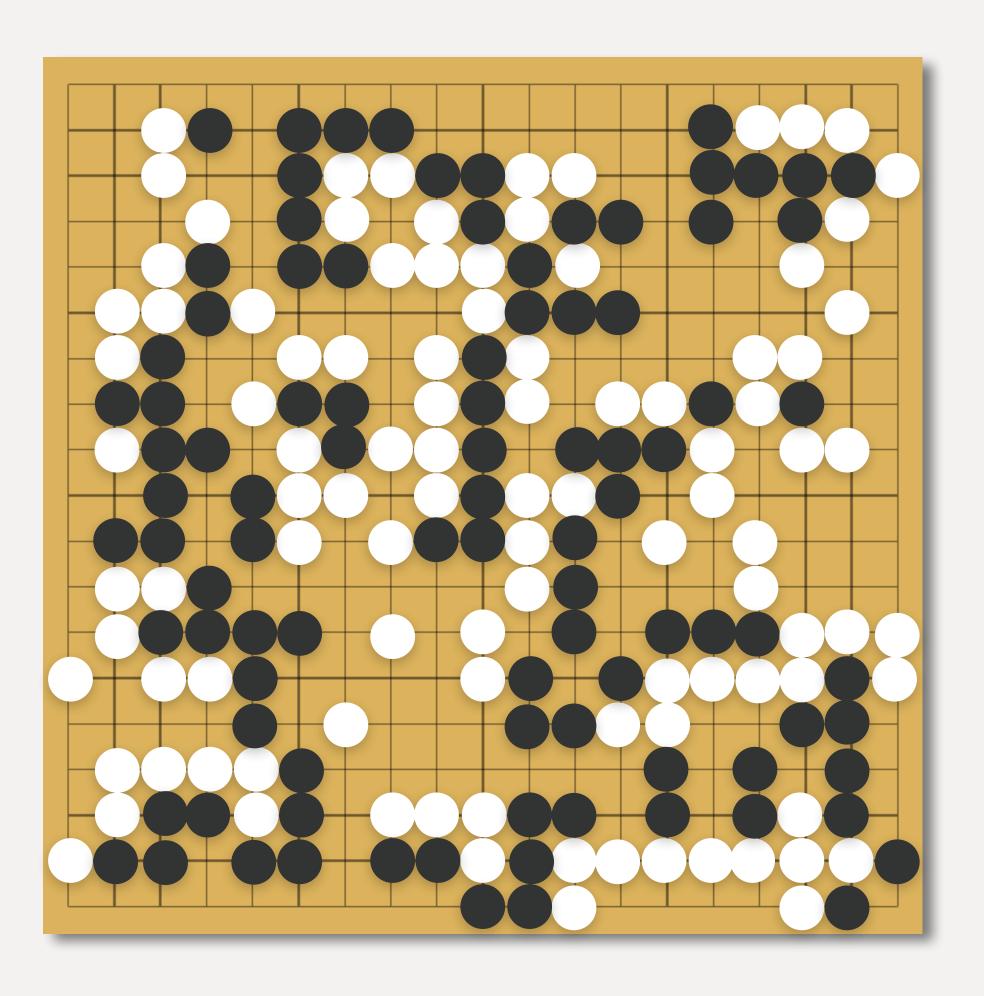
machine

VS

human



Ke Jie



Credits

ImageNet Images

Krizhevsky et al. (2012) ImageNet Classification with Deep Convolutional Neural Networks http://papers.nips.cc/paper/4824-imagenet-classification-with-deep-convolutional-neural-networks.pdf