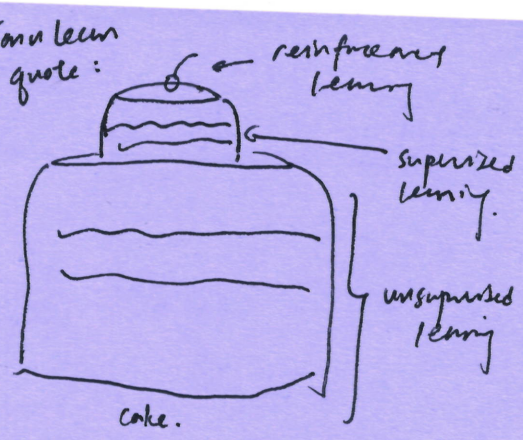
WHEN WE DON'T HAVE BIG BATA

Yann Lecun quote:



The method to tackle a problem without data, is the crux of solving problems.

Bigdata Bluesky

collecting unlabeled data

clustering

~~un~~ semi supervised learning

for some applications it is almost impossible to create enough training data

Need to solve this for Really Complex Artefacts

BLOCKER.

No go.

Generative

Normalized Flow nets and Sum Product Nets

need less data

HOW

TRANSFER LEARNING

1

HOW

B/c of the success of neural networks, we will get an explosive increase in application domains

Gamify data collection on a platform so that data collection doesn't feel like data collection

1

Actively promote (or enforce) opensourcing/ publishing datasets with research papers

- Be careful patching in that frog DNA. We've all seen Jurassic Park.

:)

Start a company for generating data sets for clients using any all techniques incl. BS cheap human labor

1

BS: Supercomputers can eliminate size problems

How.

Augmentation

BS | 4

Generate larger "good" dataset

How

Mechanical Turk (pay people to label data)

Bluesky

learning & modelling

ONE SHOT & ZERO SHOT Learning

BS