





















Behaviourism

Stimulus

 $\rightarrow \text{response}$

Input

 $(\rightarrow \text{processing})$

 $\rightarrow \text{output}$

Organisms as machines

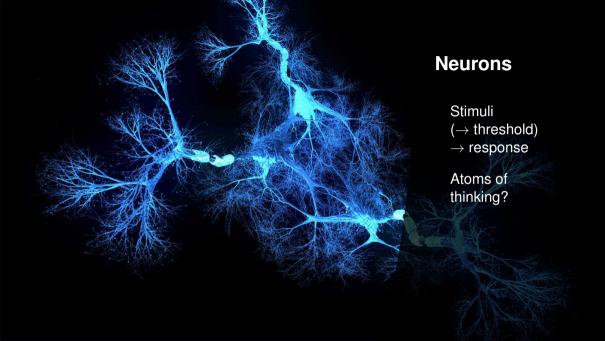


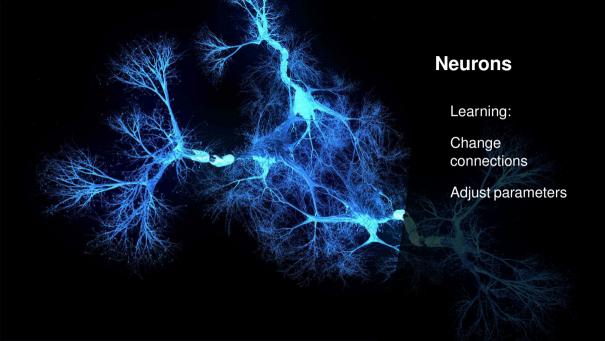
Behaviourism

Learning:

Conditioning / reinforcement

Fire together Wire together







Learning

Mechanical in nature

We can simulate neurons

Build/copy it to understand

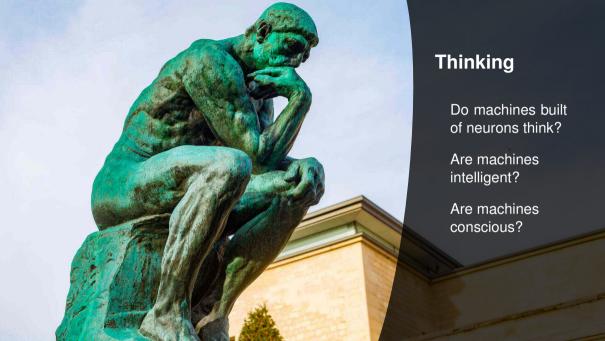


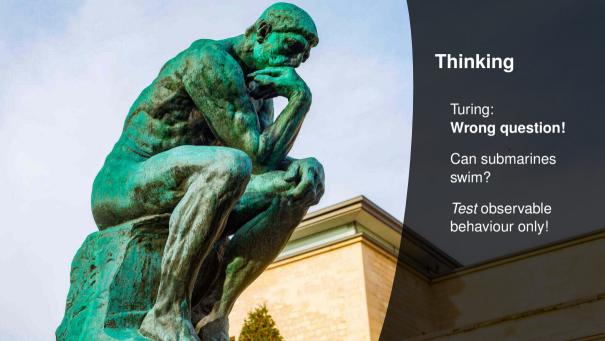
Learning

We can model / simulate learning

We can educate machines

Machine learning







Learning

Model is wrong!

(Still useful)

Al requires huge amounts of data, humans do not







UNDERSTANDING AI







The carrier of dreams, hopes and fears













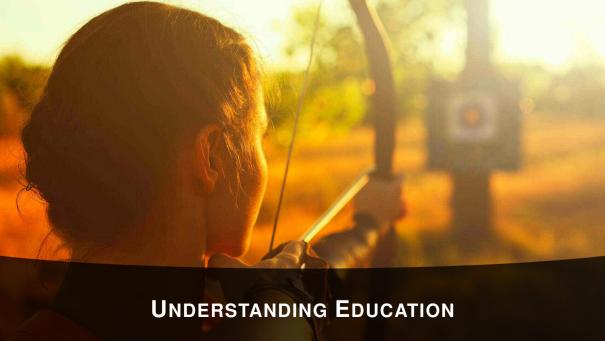
Solution: remove unpredictable elements



Spherical chickens in a vacuum



We cannot teach machines to be ethical

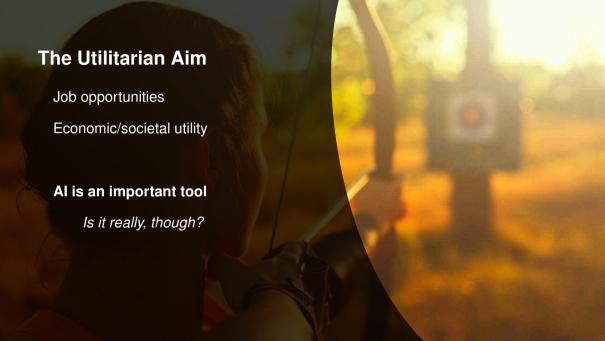












The Utilitarian Aim

Job opportunities

Economic/societal utility

Universities as job-training centres?

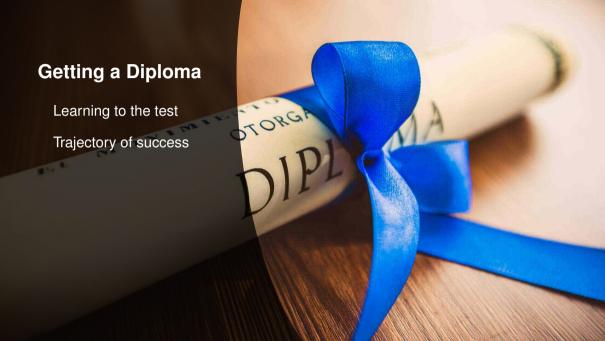












Getting a Diploma

Learning to the test

Trajectory of success

May be fully automated

however...







THE CHALLENGES AHEAD







