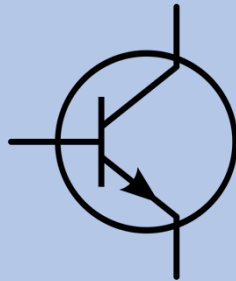# Coming of Age With AI

Bill Hibbard

Space Science and Engineering Center

Future Society @ Harvard Kennedy School

1

1948:

1968:

Change

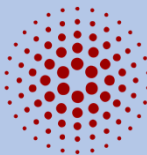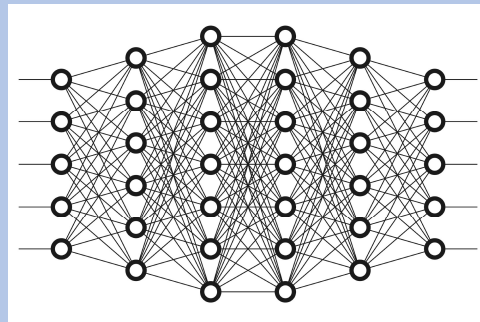Learning

Opportunity

2

~1986:

1998:
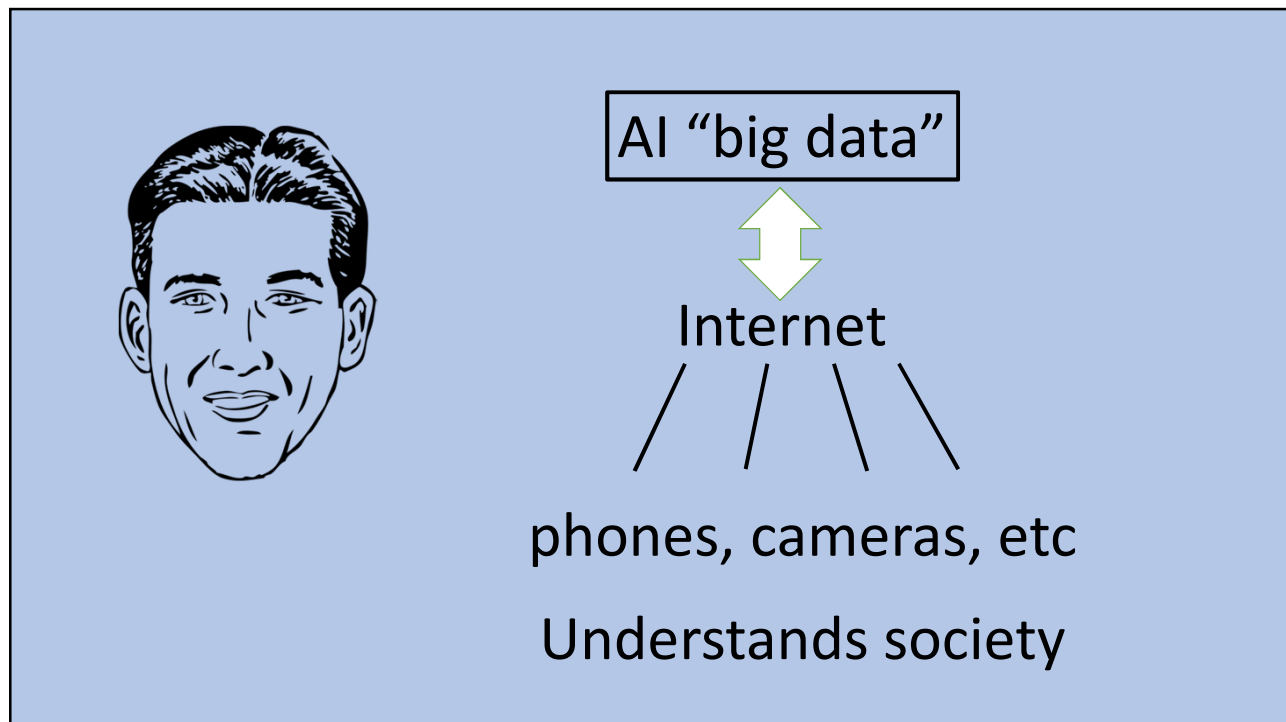
Google

2006:

3

2019:

AI UW

4

AI "big data"

Internet

phones, cameras, etc

Understands society

5

Dumb AI: learns our irrational biases

Smart AI: may exploit
our irrational biases
to manipulate us

Transparency!

Celta-Pils
MEIRESONNE

6

15 Oct 2018 NY Times editorial about
a 3-way split of the Internet:
China, US & EU

Partition the world into AI data domains

7

China: social surveillance
Facial recognition, mobile payments
No data export outside China

Control: social credit system
Travel, on-line, social isolation

But, huge poverty reduction

8

EU: General Data Protection Regulation

"Right to explanation"
No automated legal decisions
Heavy fines for violations
Rules for data export outside EU

9

Trump OSTP: remove regulatory
barriers to innovation

Obama OSTP: light on regulation,
AI impact like mobile computing

Journalists are investigating AI:
    Guardian, NY Times, Breitbart

10

AI developers need to understand
what they value

1969: AI course taught by Larry Travis
whose PhD was in philosophy

11

Wealth without work

Science, arts, virtual reality

Health (UW AI), life extension

12

Labor disruption

Social surveillance and control

Fake news, audio, video, humans
vs censorship
vs transparency & accountability

13

14

Thank you

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