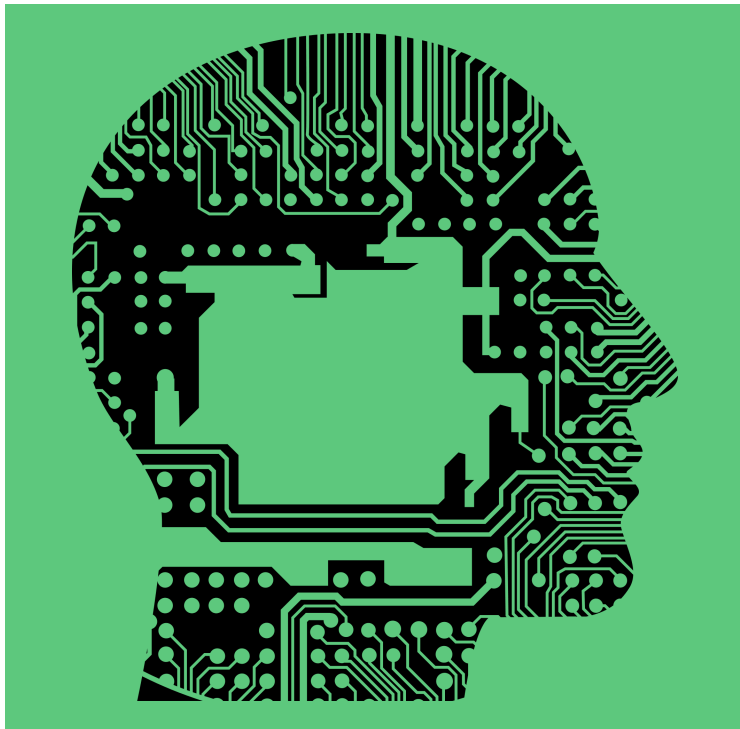# The AI Revolution

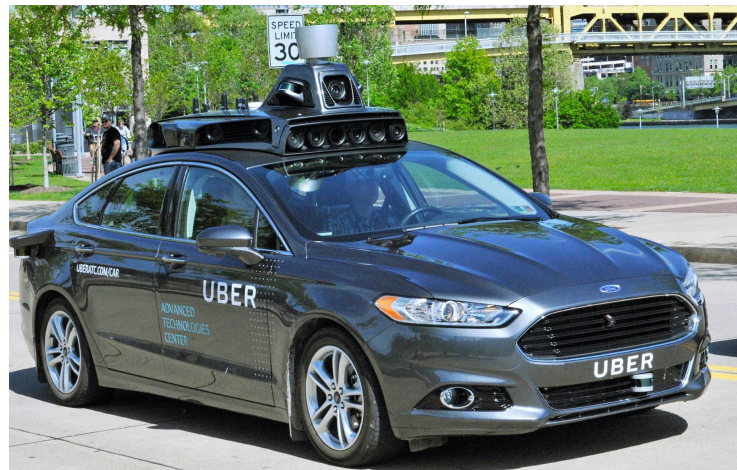*The next era of human history?*

Mark Bosco

Artificial Intelligence simulates human cognition in machines

Personal
Assistants

Chat Bots

Autonomous
Vehicles

Professionals leverage AI to assist with modern problems
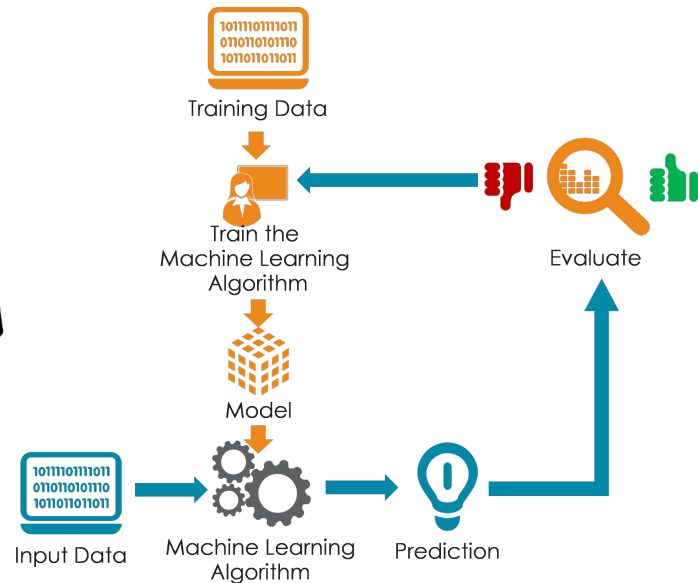
Finance

Healthcare

Climate Change

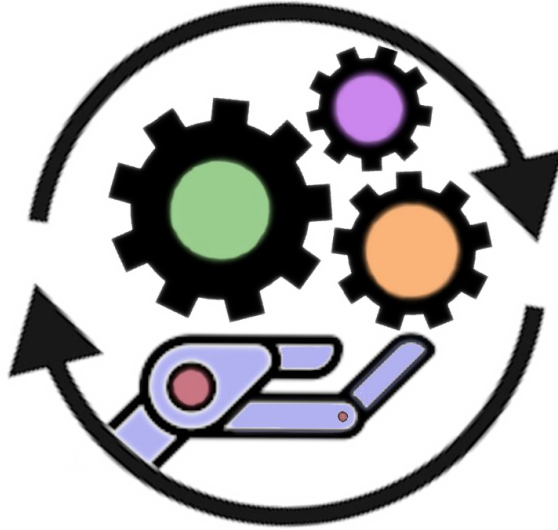# A brief history of intelligent machines

1956

80s and 90s

21st Century

Countless industries have adopted implementations of AI
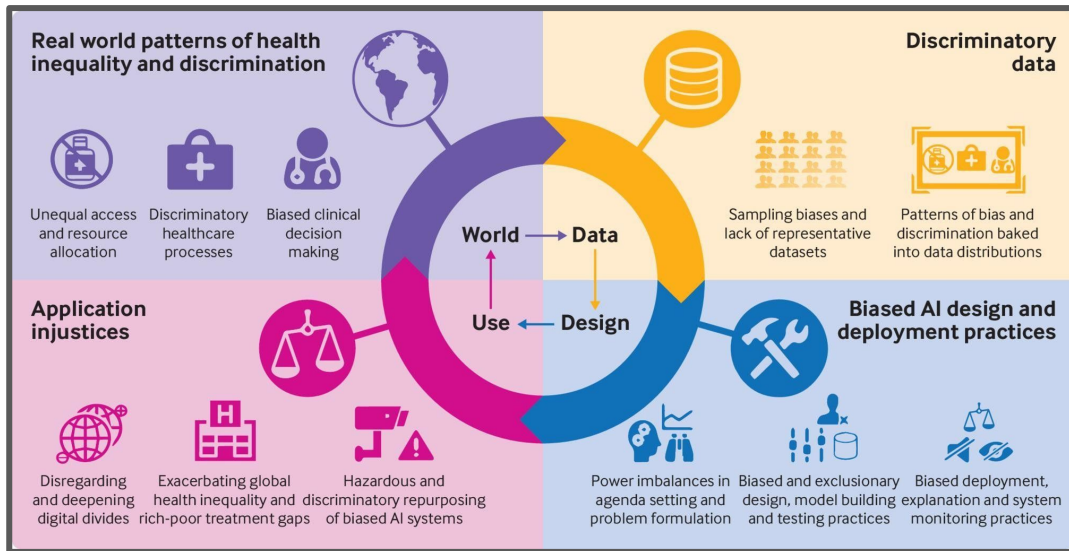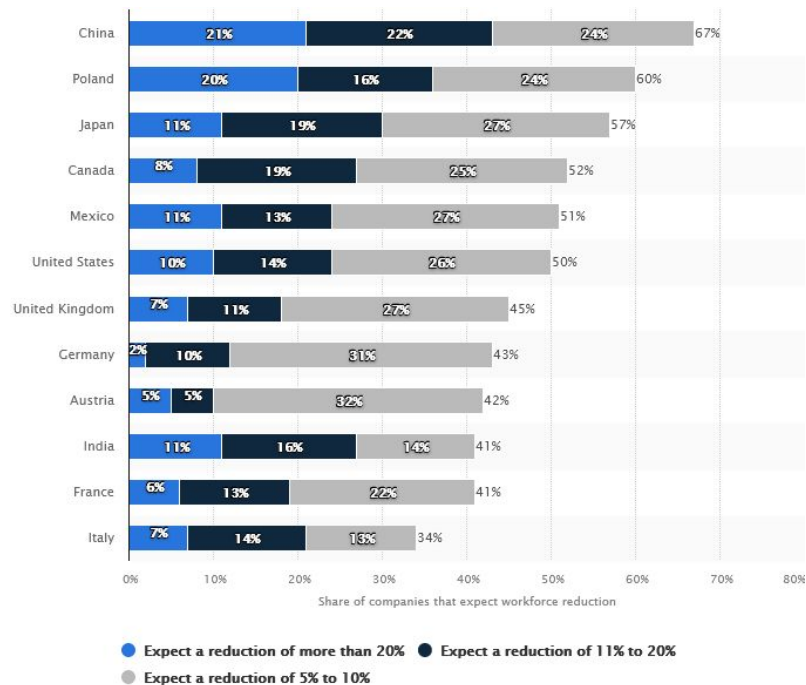
Personalization

Automation

Image and speech recognition

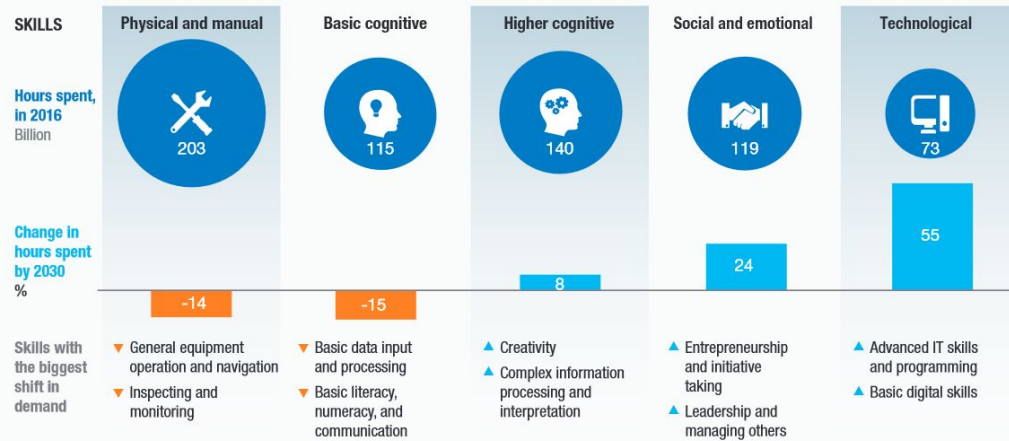# AI poses potential widespread problems for humans

The impact of advanced robotics on employment from 2019 to 2023

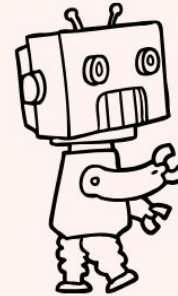AI algorithms can perpetuate biases and discrimination present in data

Addressing these challenges will require a multifaceted approach involving everyone from workers to stakeholders

Automation and AI will change the skills needed in the workforce

Total is for United States and 14 Western European countries

SKILLS	Physical and manual	Basic cognitive	Higher cognitive	Social and emotional	Technological
Hours spent, in 2016 Billion	203	115	140	119	73
Change in hours spent by 2030 %	-14	-15	8	24	55
Skills with the biggest shift in demand	▼ General equipment operation and navigation ▼ Inspecting and monitoring	▼ Basic data input and processing ▼ Basic literacy, numeracy, and communication	▲ Creativity ▲ Complex information processing and interpretation	▲ Entrepreneurship and initiative taking ▲ Leadership and managing others	▲ Advanced IT skills and programming ▲ Basic digital skills

Who creates AI?

80% of AI professors are men

98% of Google's workforce is white

71% of applicants to US AI jobs are men

BB INSIGHTS

The future of AI and its impact on society depends on a range of factors

Total global AI investment