











... if we make the right choices

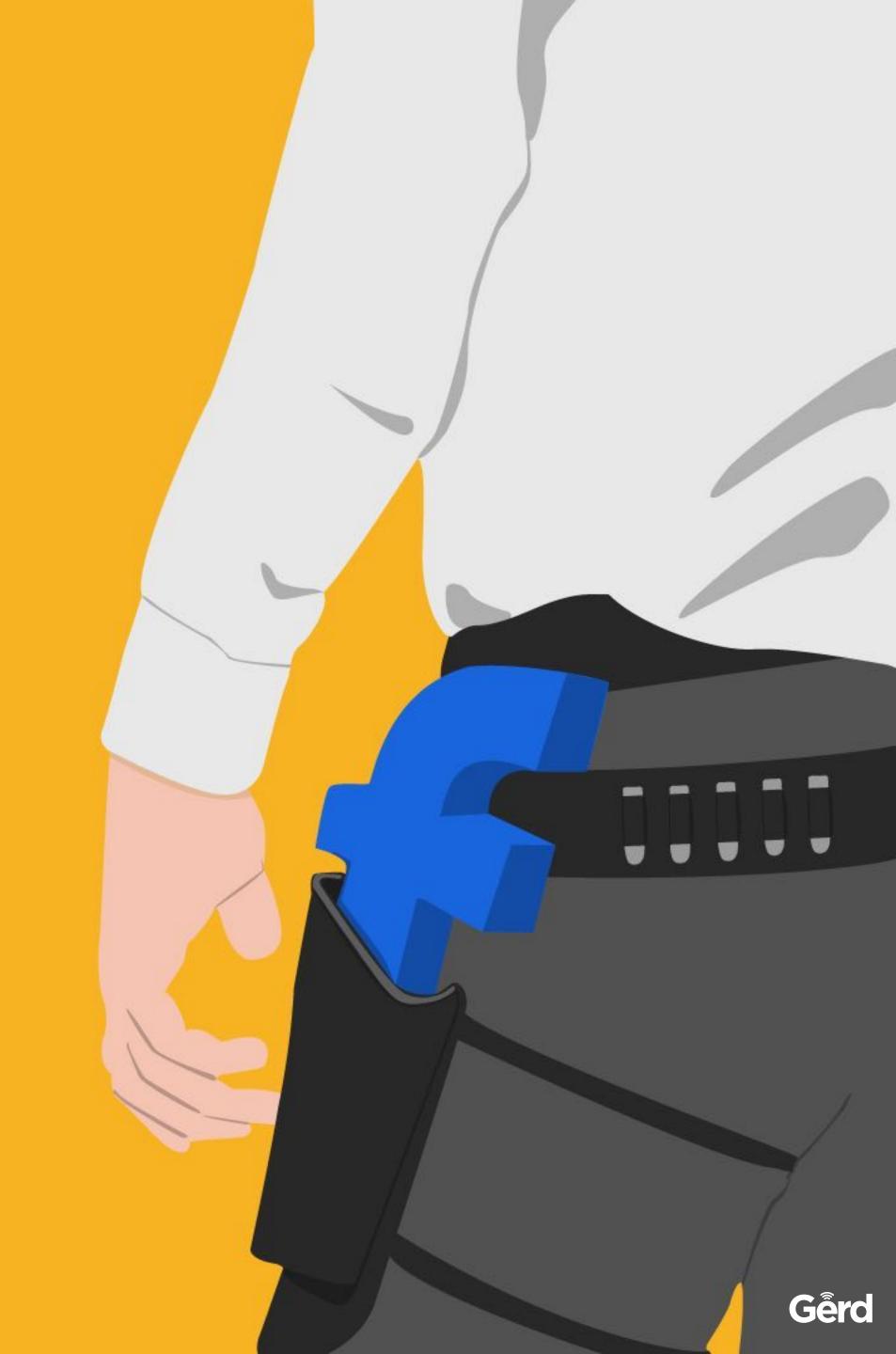


Technology is a great servant but but a terrible master #hellven

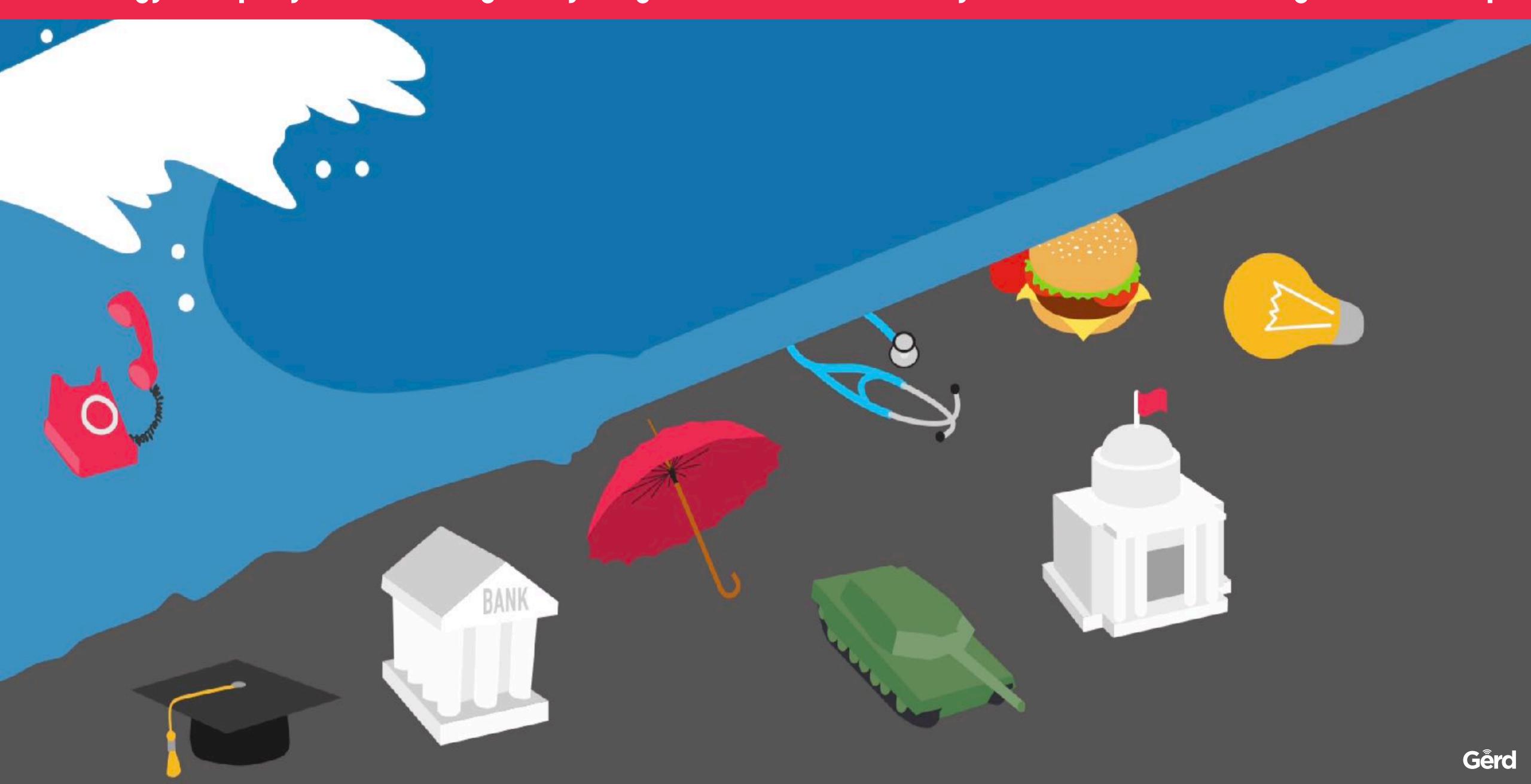


#digitalethics





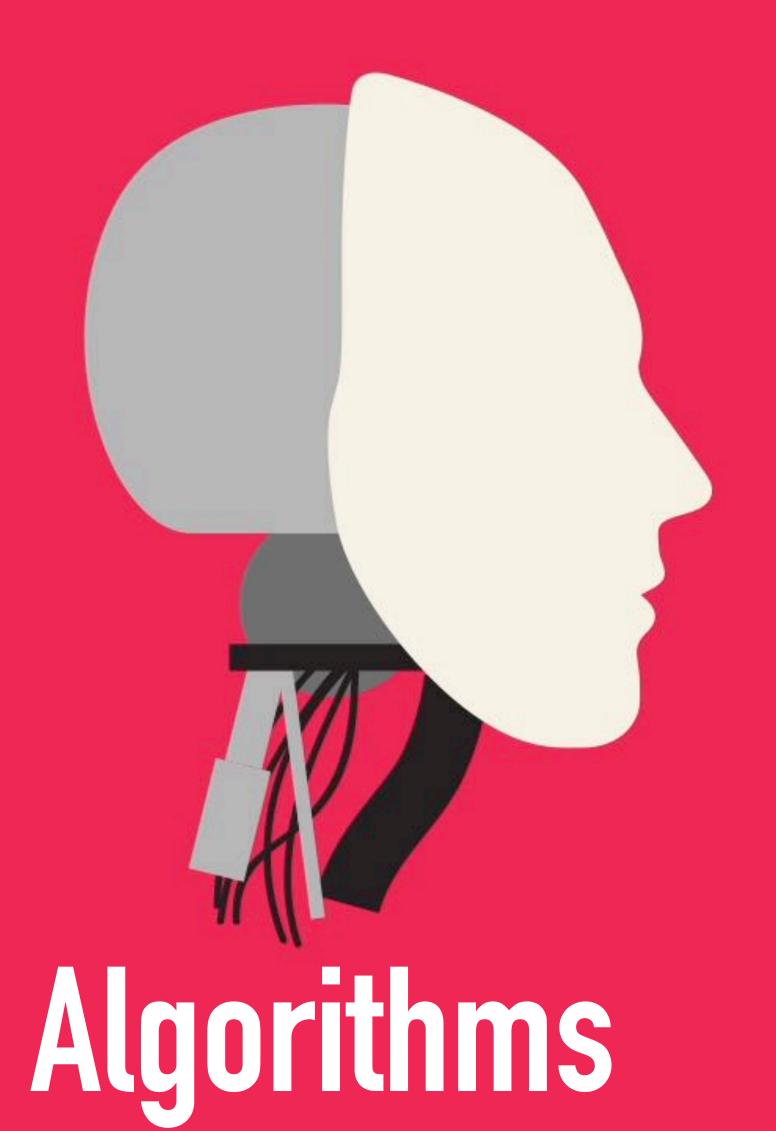
Technology is rapidly transforming every single sector of our society: now, HR is about thought-leadership!



HR is where Humans and Machines meet



Androrithms



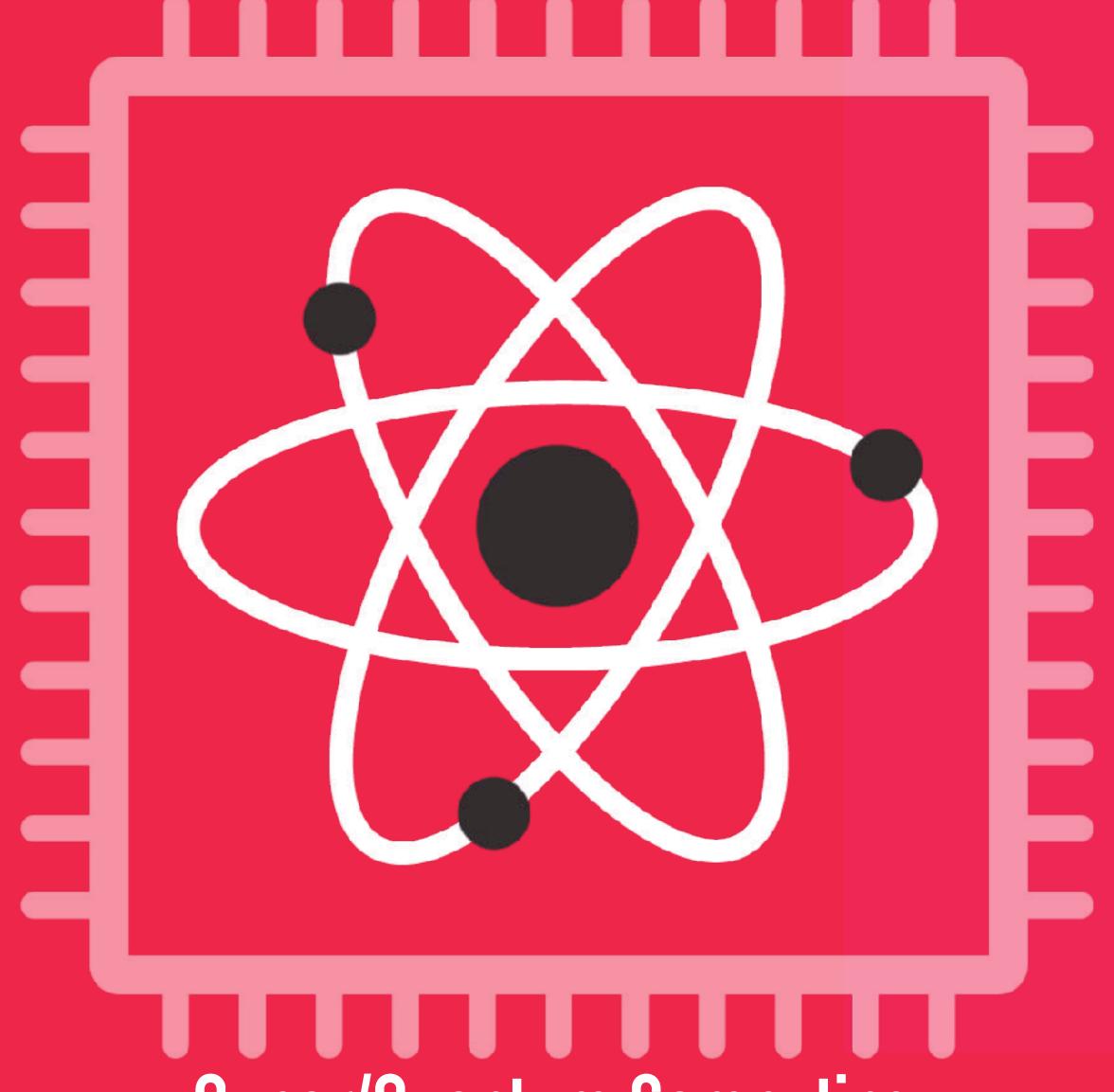
The future is no longer an extension of the present



FUTURE



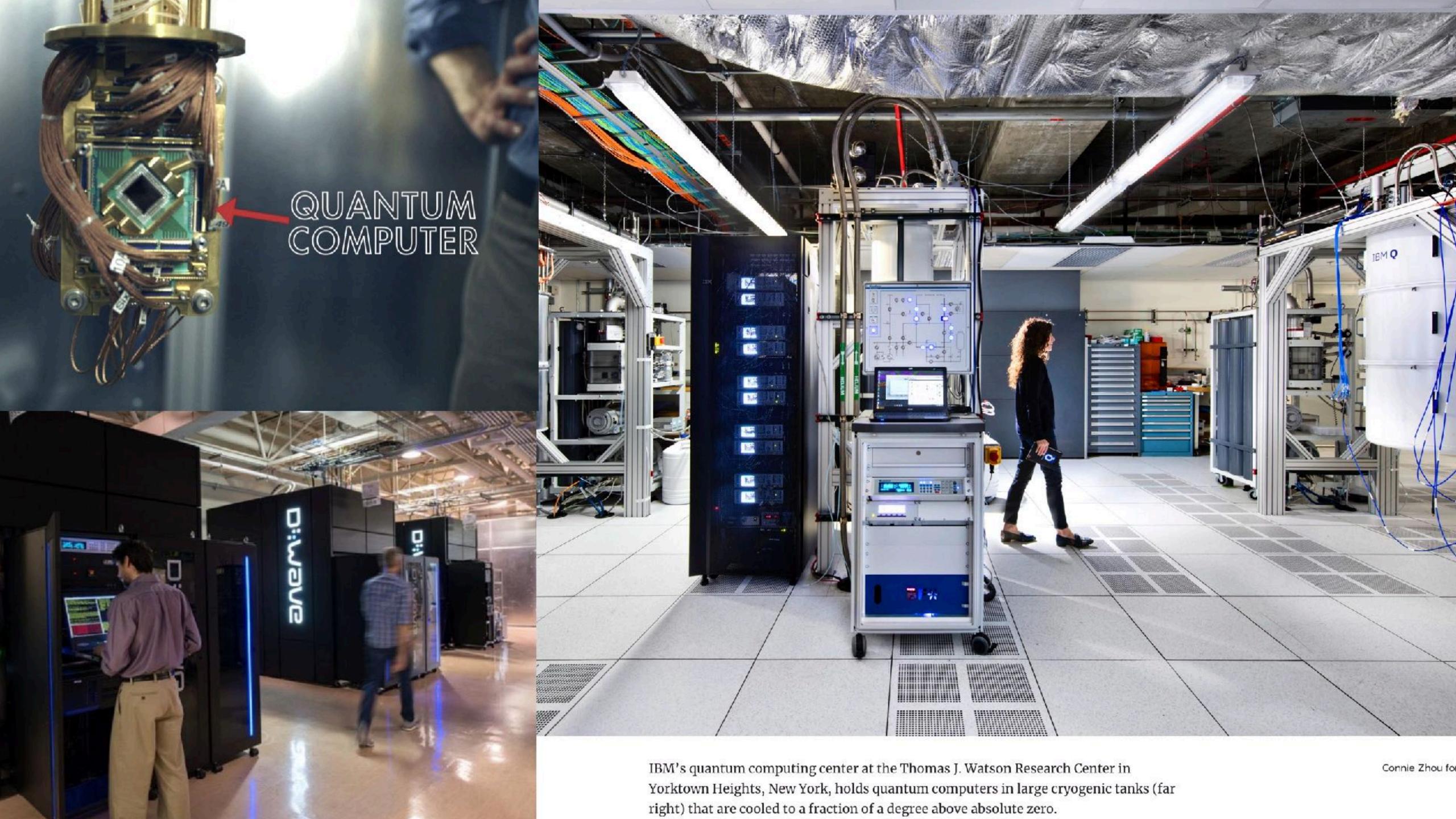
Science fiction is increasingly becoming science fact





Super/Quantum Computing

The Global Brain (AI)

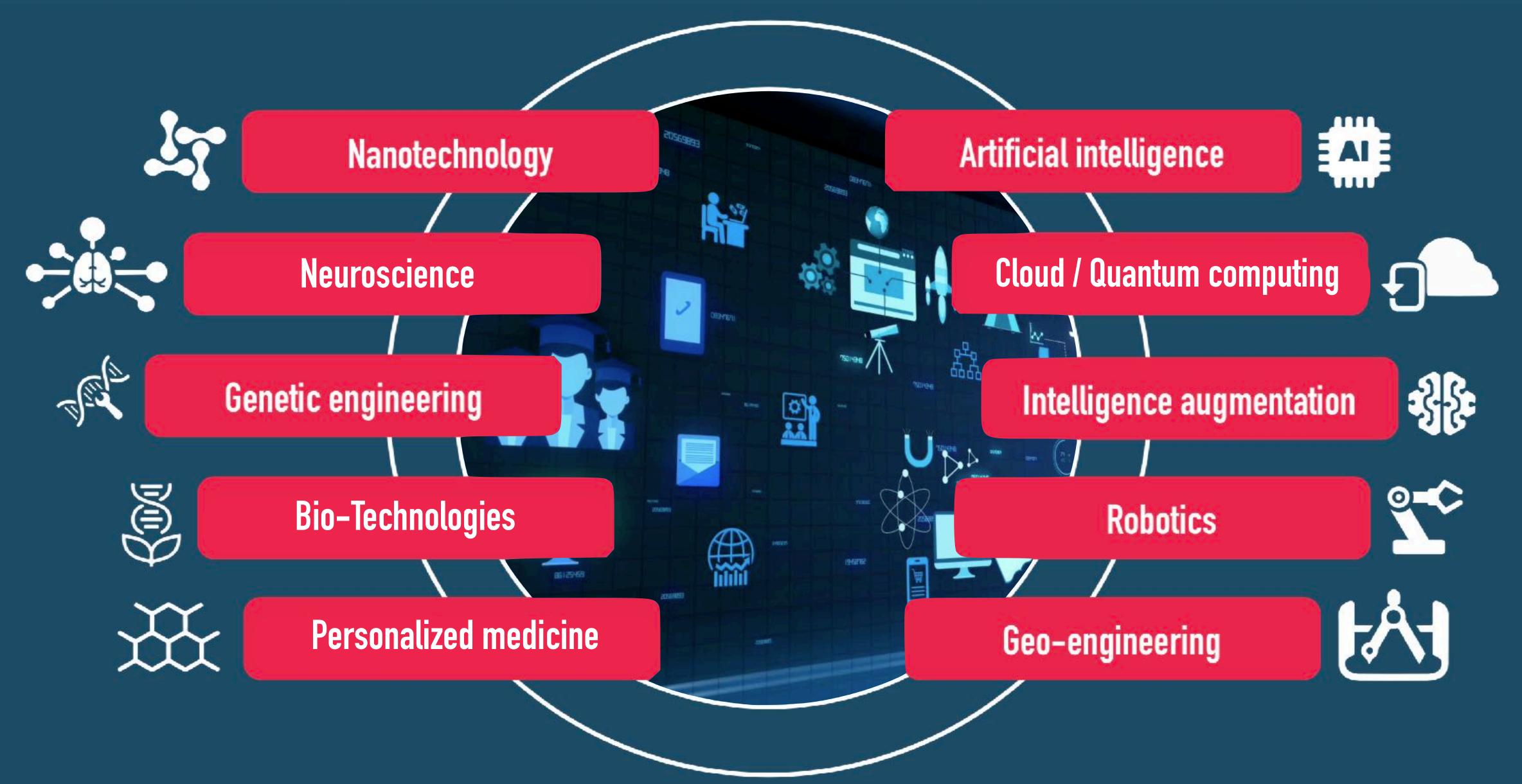








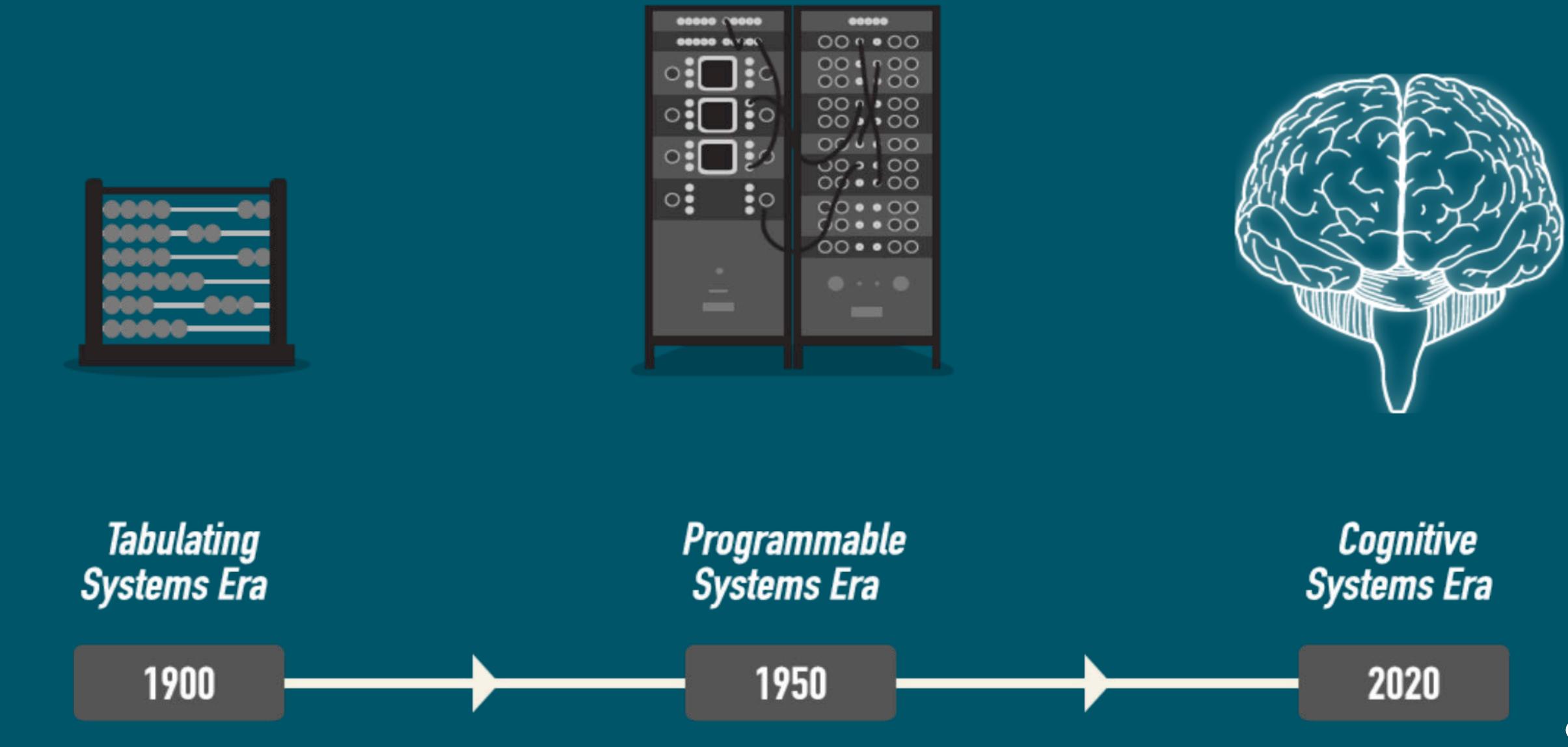
The end of 'Business as usual': Convergence and Interdependence





Artificial Intelligence: Computer systems that turn information and data into KNOWLEDGE

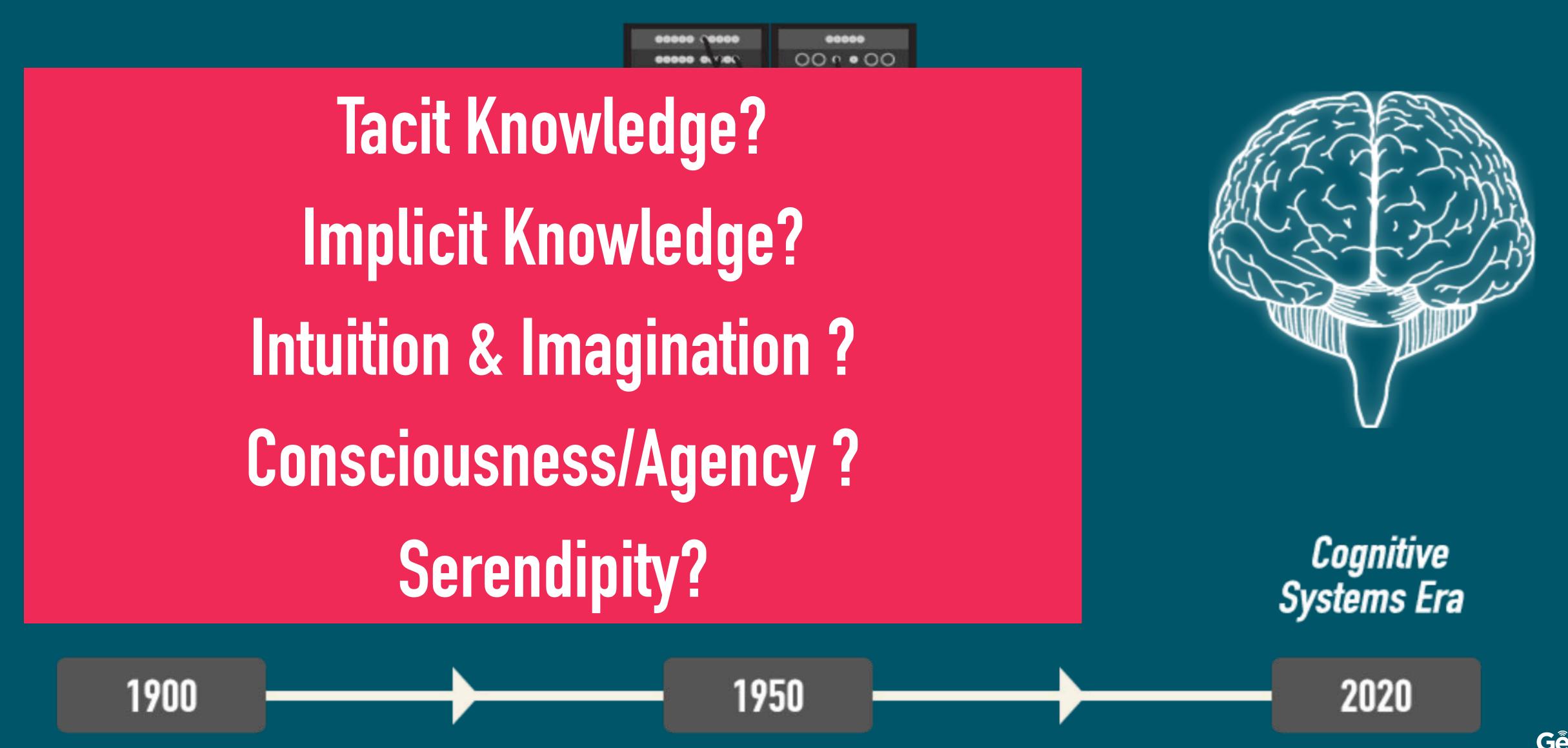
(Demis Hassabis @ DeepMind)



Gerd

Artificial Intelligence: Computer systems that turn information and data into KNOWLEDGE

(Demis Hassabis @ DeepMind)



Gerd

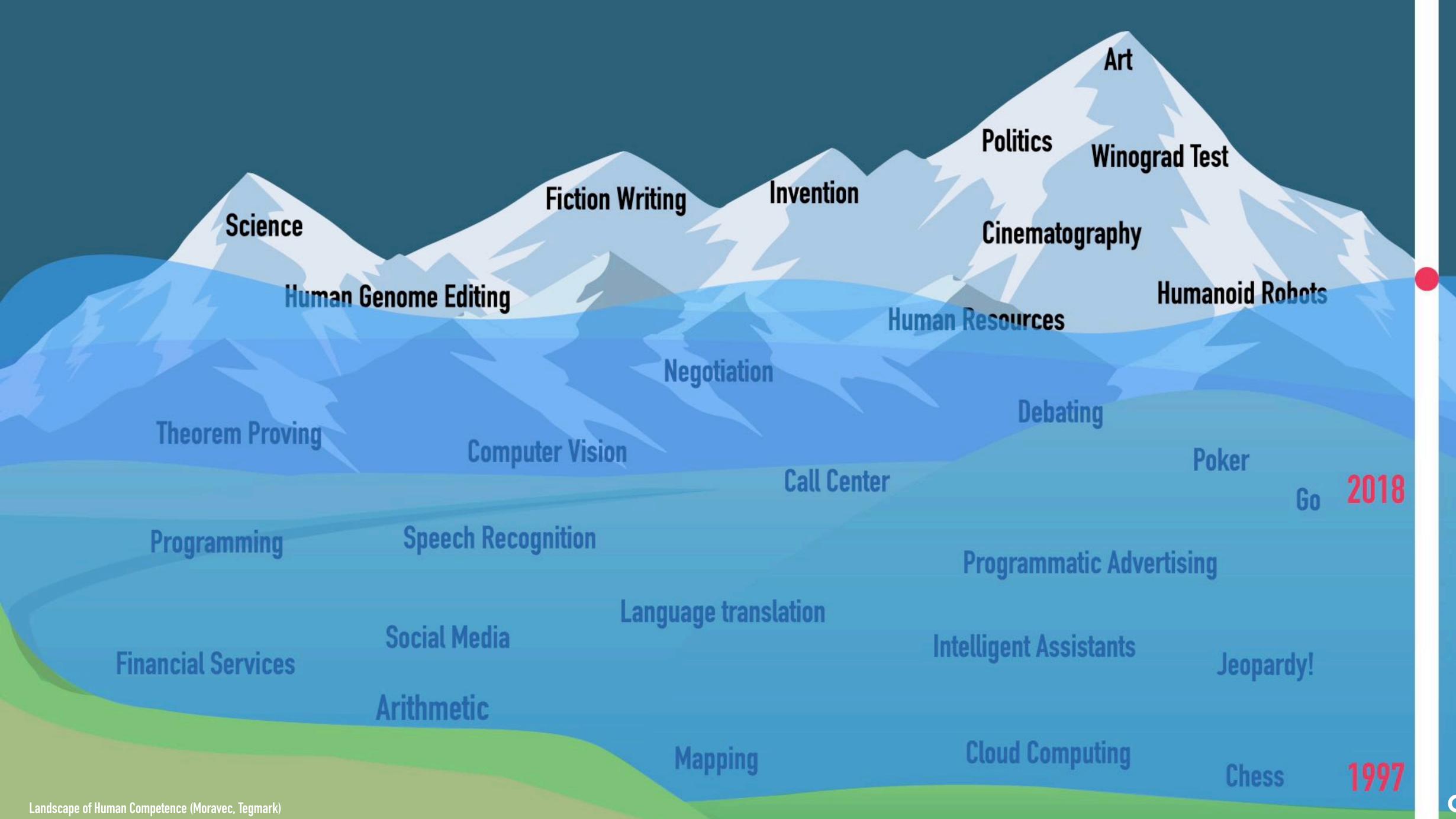
"Machine learning is the science of giving computers the ability to learn and find insights without explicitly programming the machines on what to do"



We think with the body not just with the brain! (Seligman, Feldenkrais et al)







The Future Of A.I.

Forecasted cumulative global artificial intelligence revenue 2016-2025, by use case (U.S. dollars)



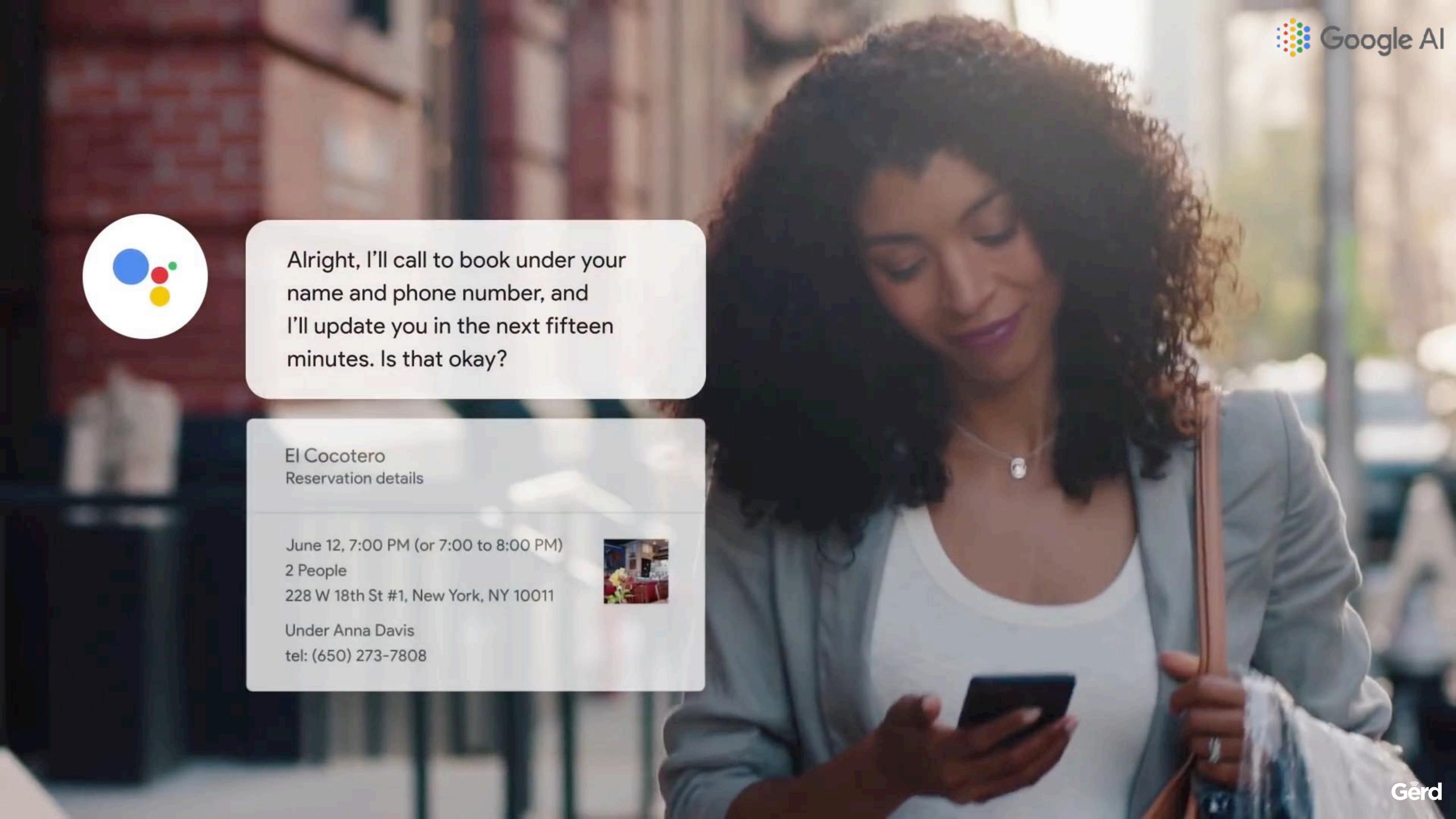
The immediate future: Intelligent Assistance (IA - not AI)

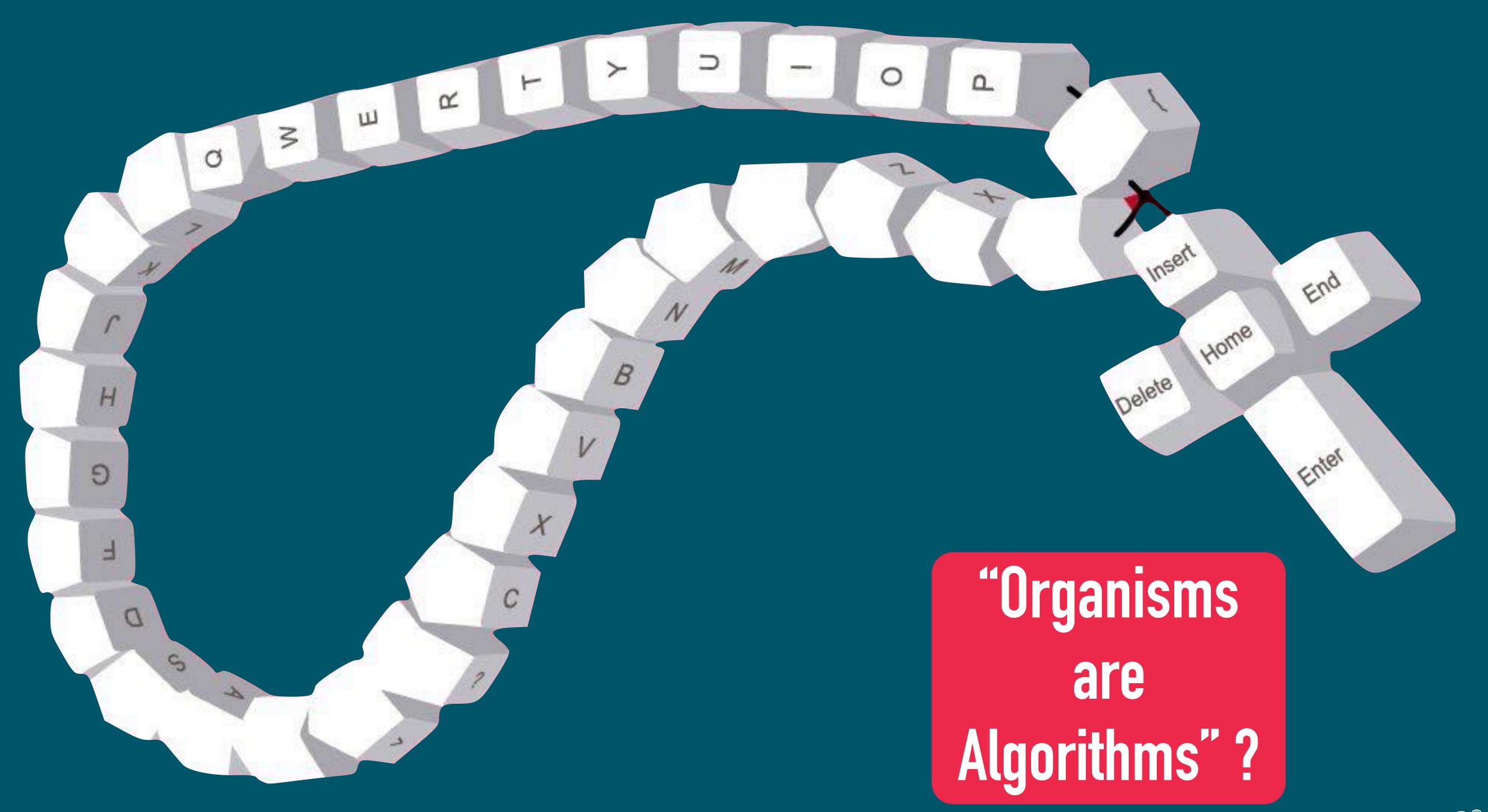


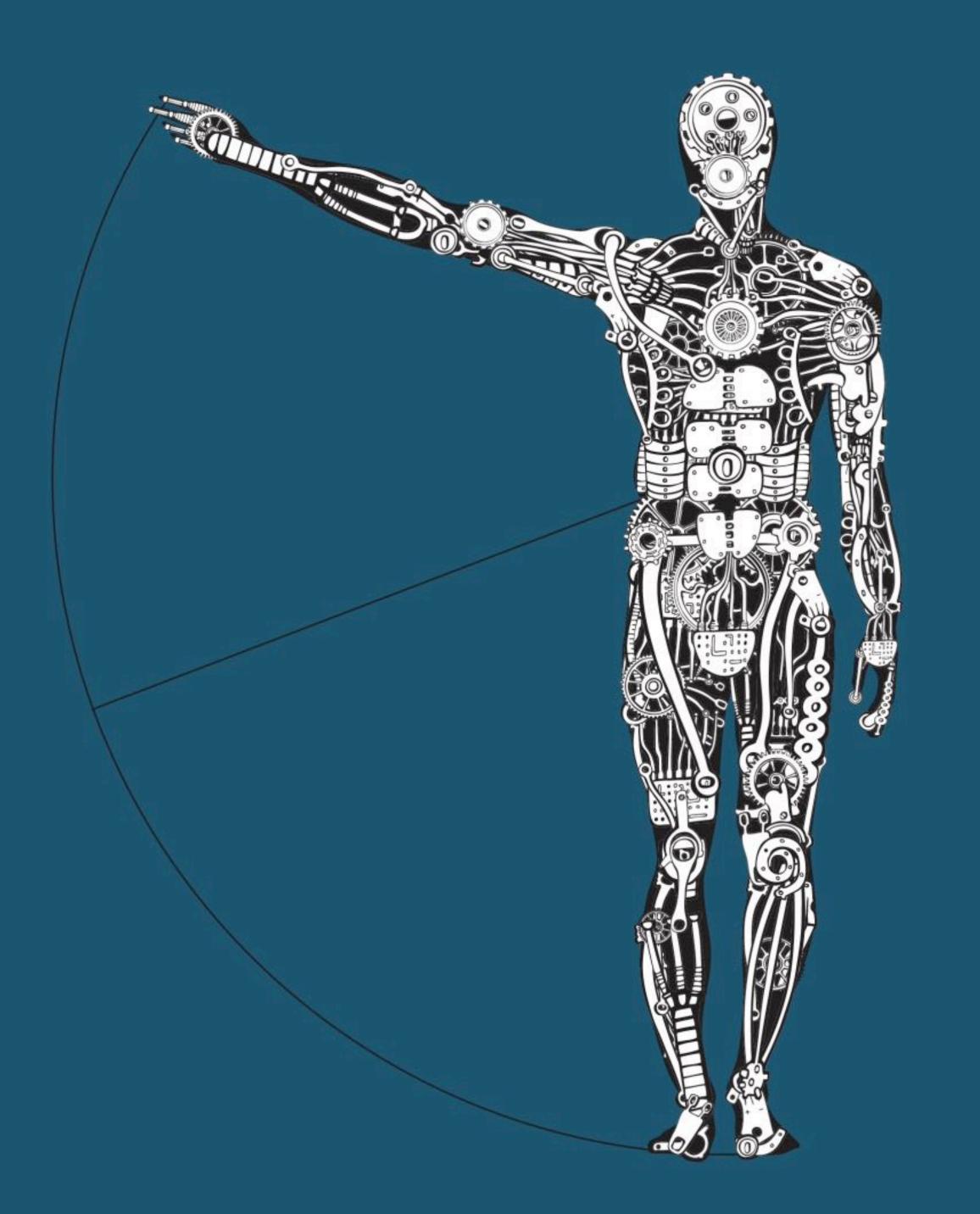


Here, soon: speaking to machines 'like speaking to a friend'









"Organisms
are
Algorithms"?

"Big business decisions will be made not by experts or intuition but by big data and predictive analytics"

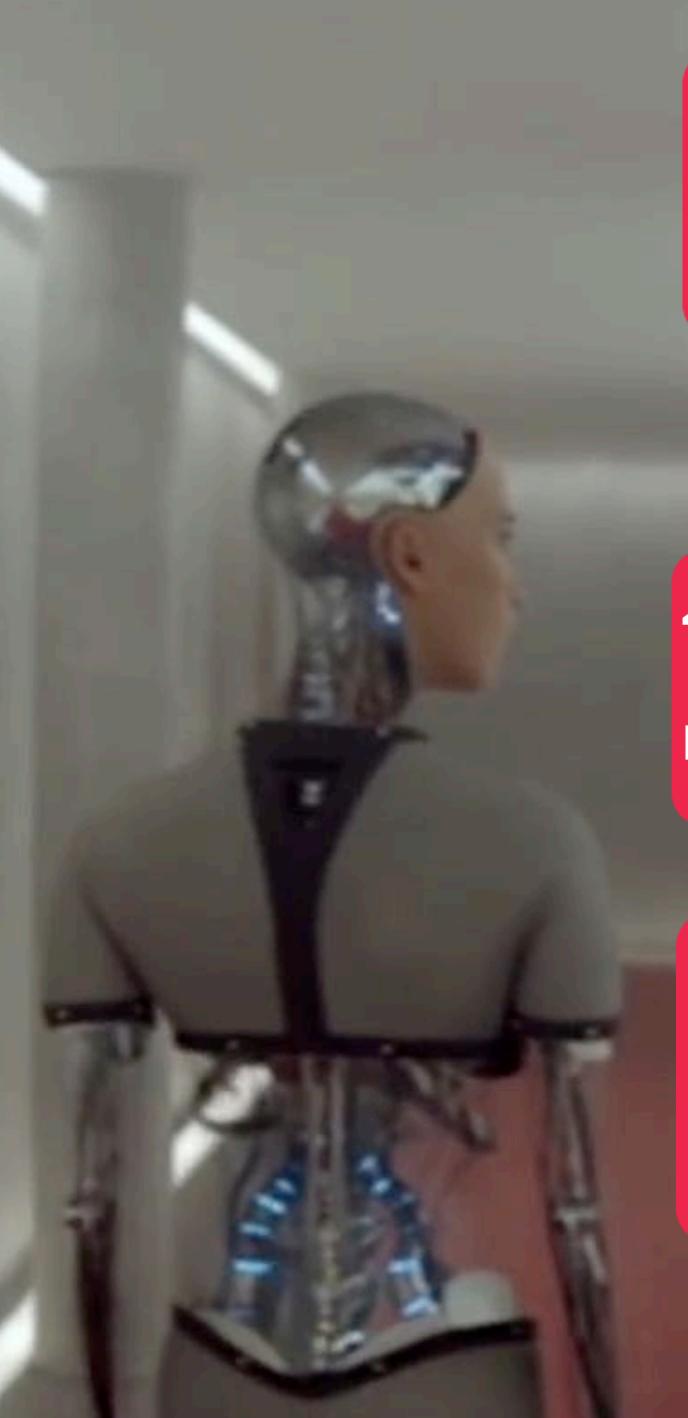




Machines don't do relationships!

The biggest danger is not that machines will take over but that we become too much like them!



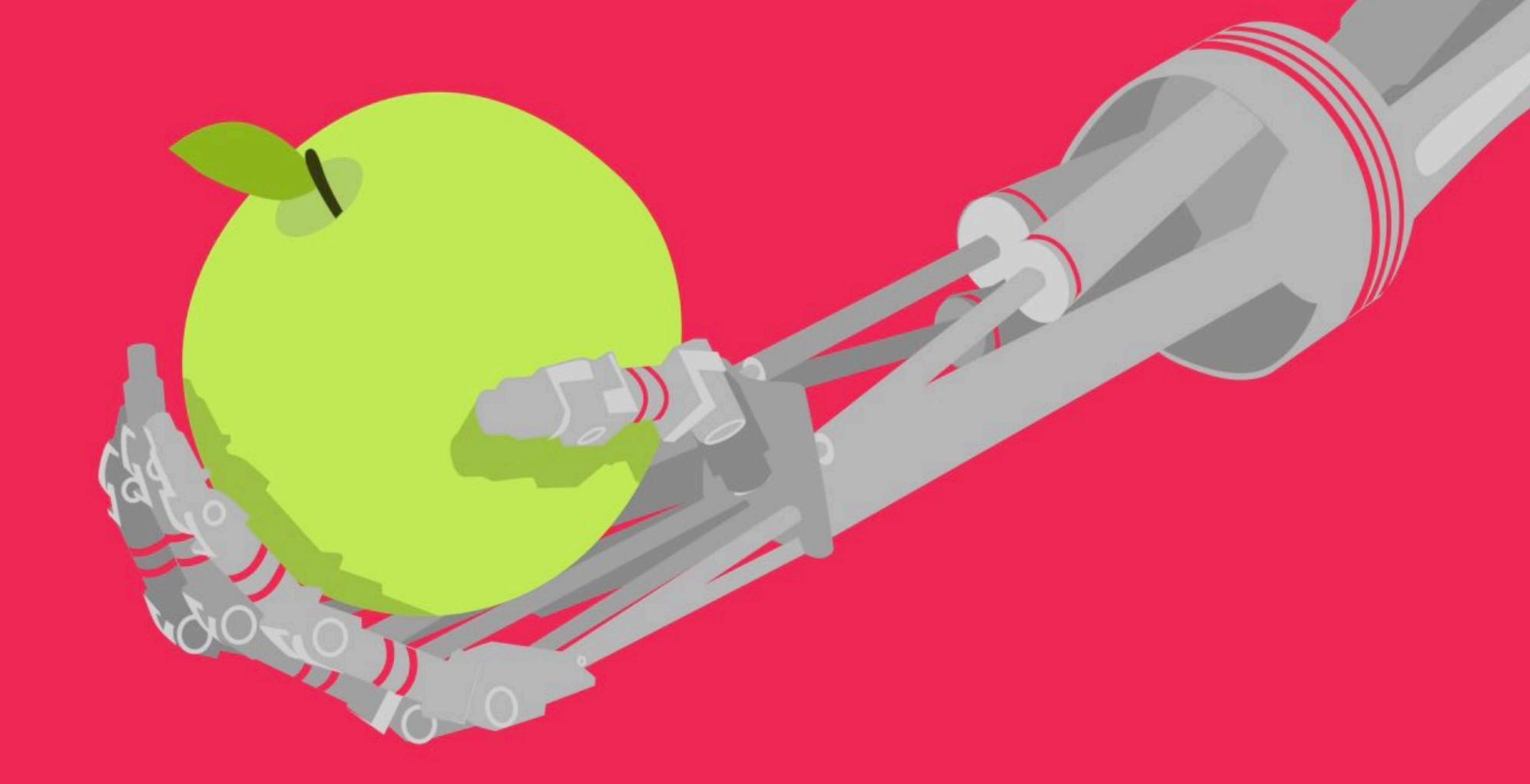


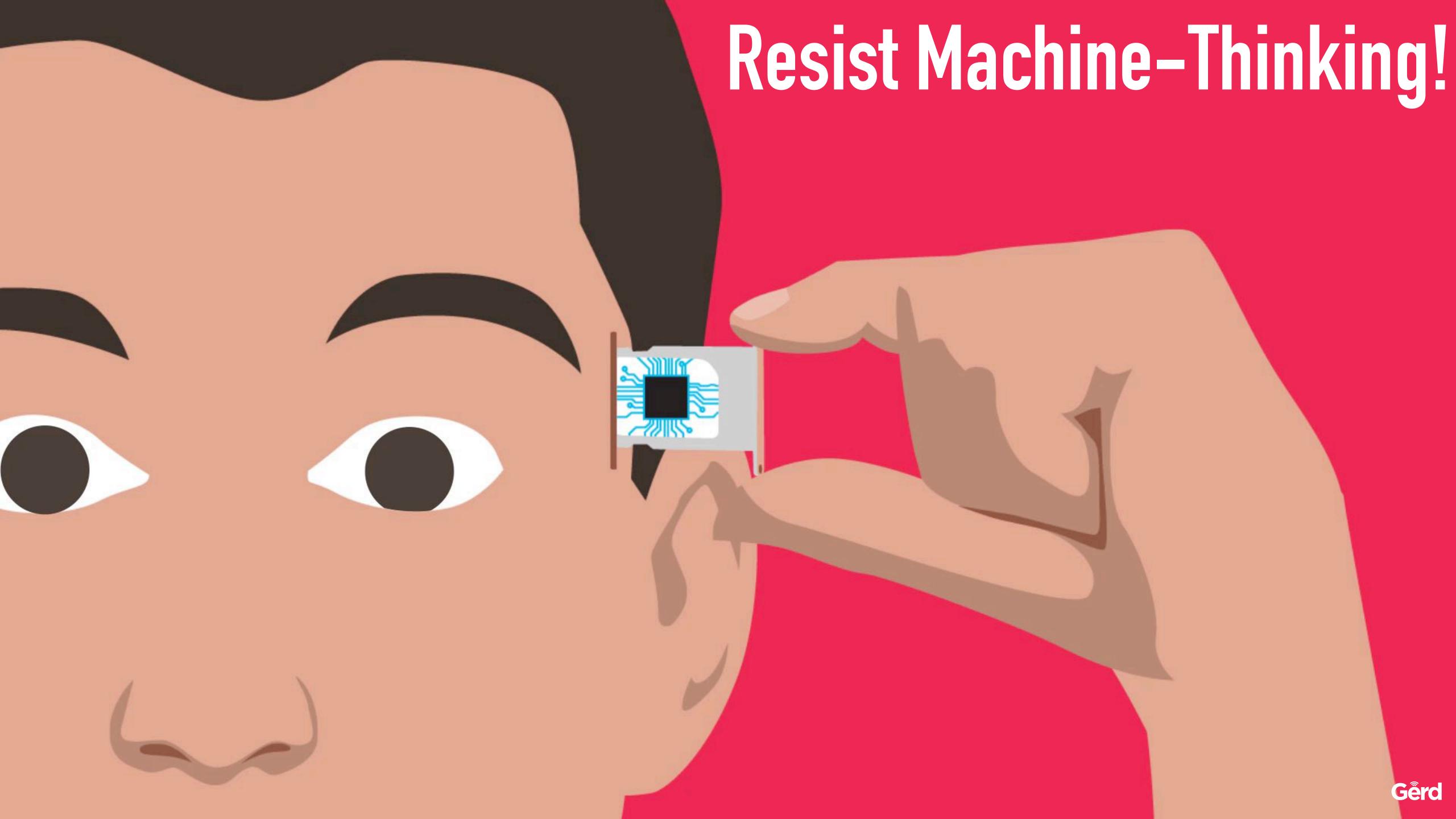
"We are least aware of what our minds do best. The most difficult things for machines to emulate are those that are unconscious" (Moravec, Minsky et al)

"Computers are already vastly superior to us at certain specialized tasks. Human beings may not be best at much, but we're second-best at an impressive range of things" (NYT)

"Algorithms outperform human intelligence when it is NOT about understanding emotional states, intentions, interpretations, deep semantic skills, consciousness, self-awareness and flexible intelligence* (Luciano Floridi)

Ask: what should (not) be automated?

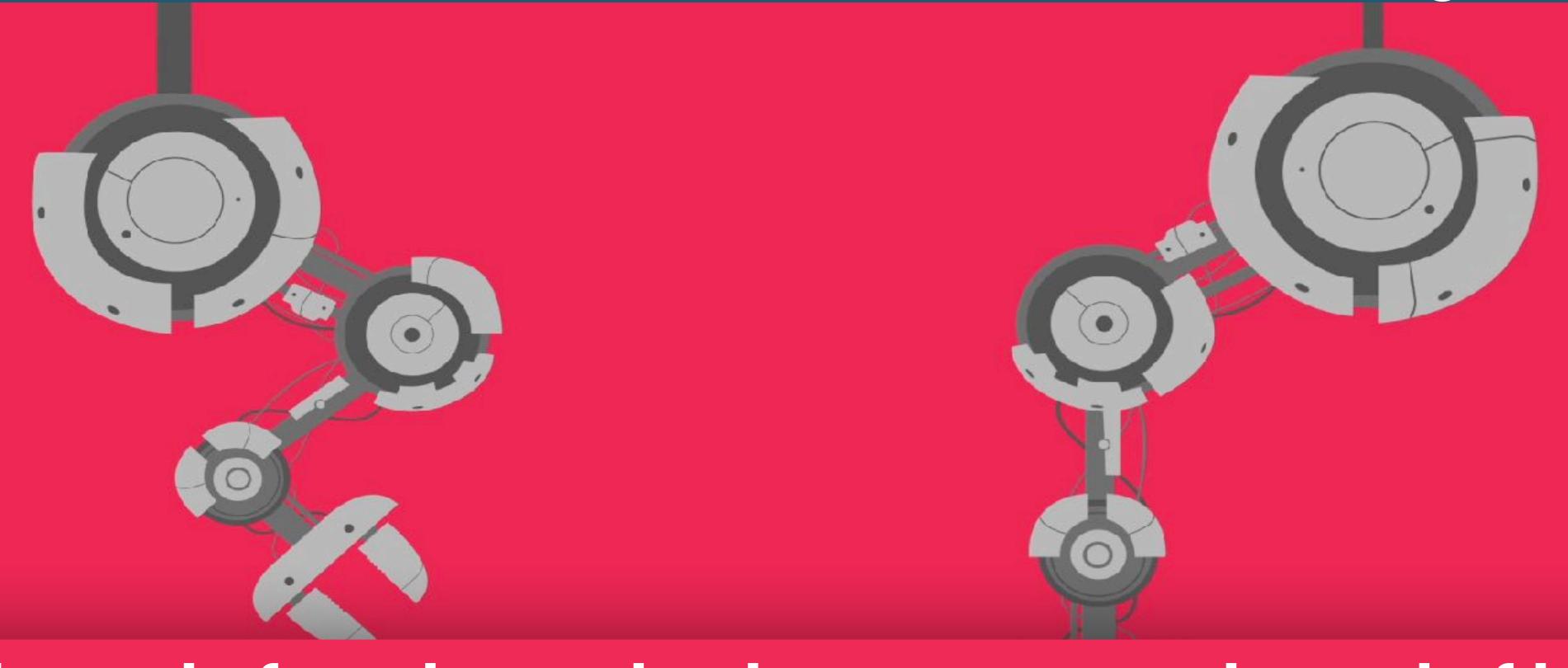




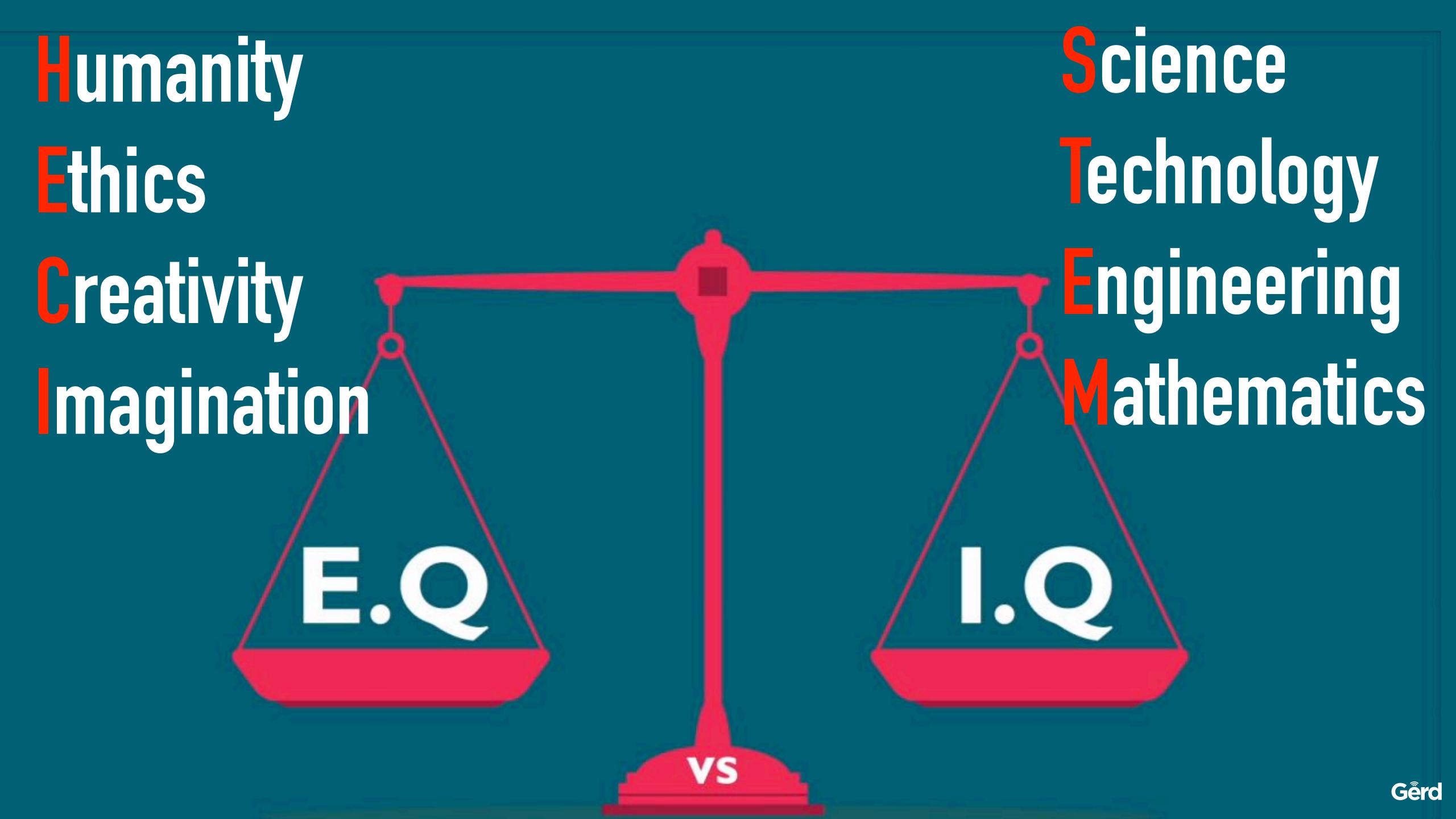
(Not really)



The End of Routine is coming

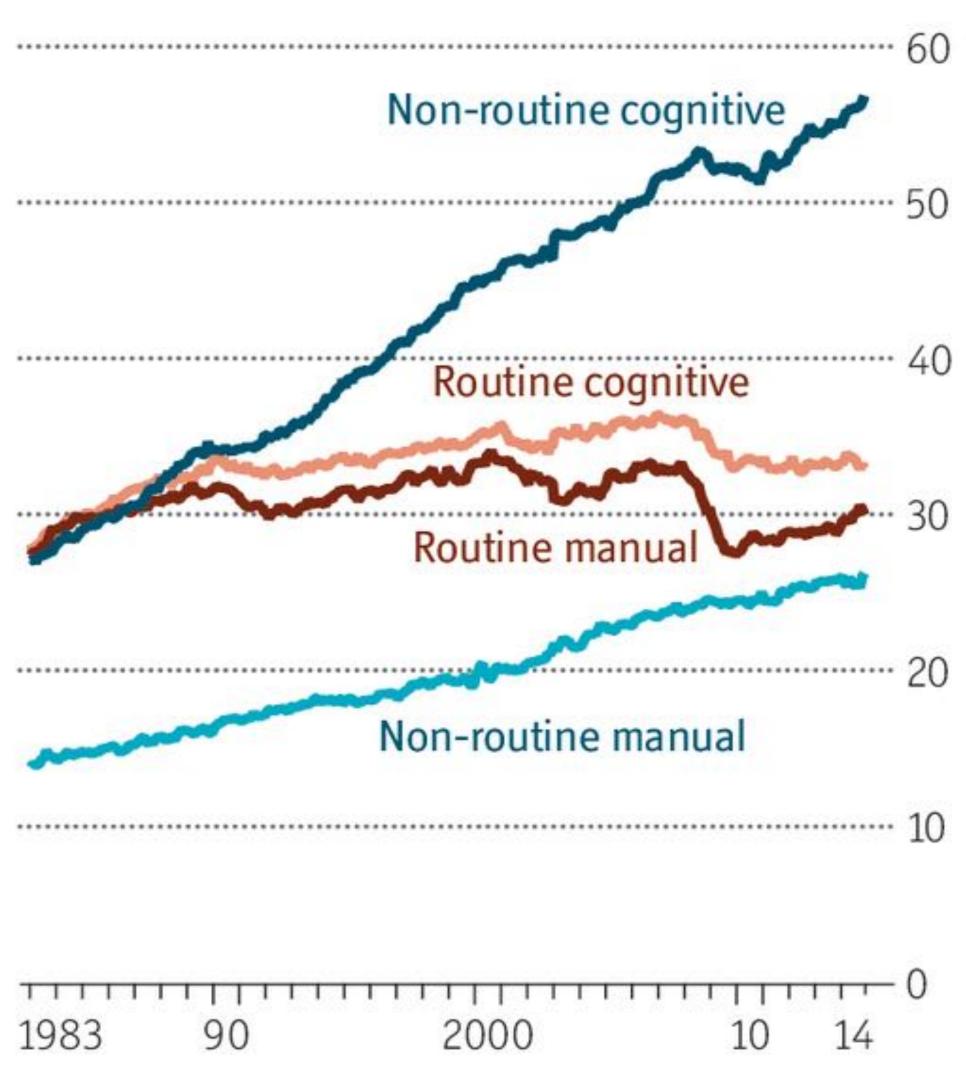


But the end of routine tasks does not mean the end of human work



Think

United States employment, by type of work, m



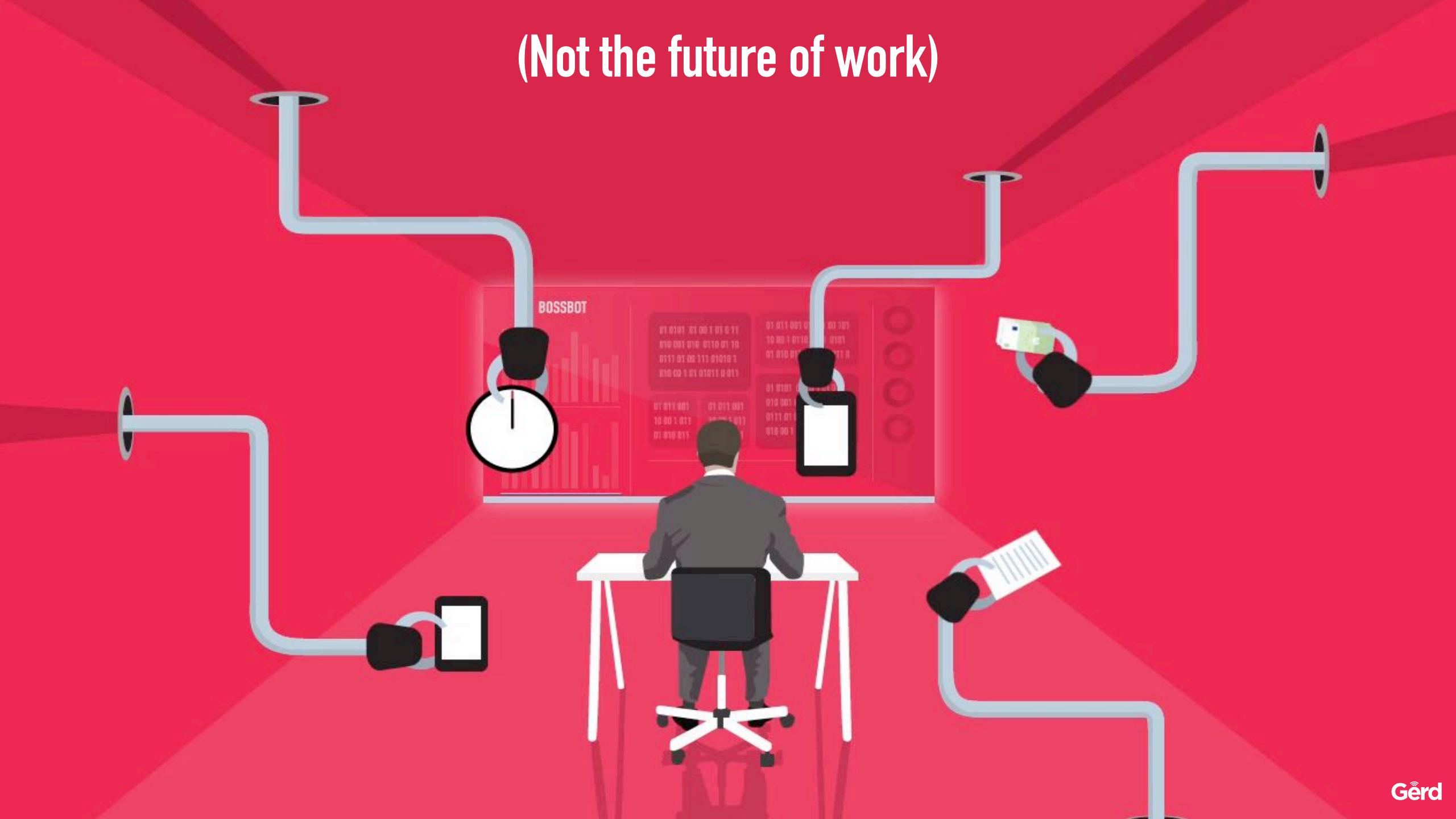
Sources: US Population Survey; Federal Reserve Bank of St. Louis

Marks & Spencer replacing call centre staff with AI

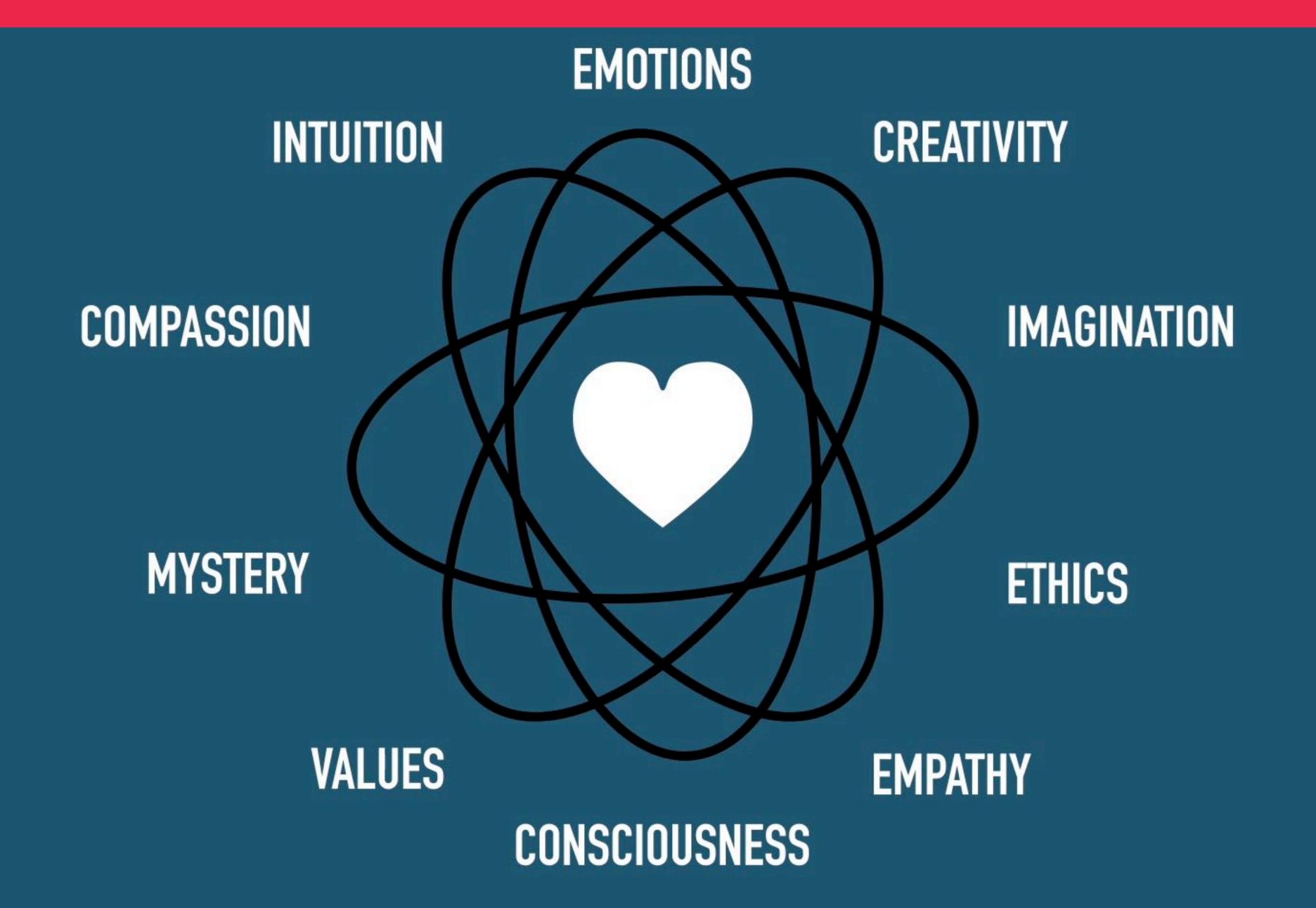
Full screen



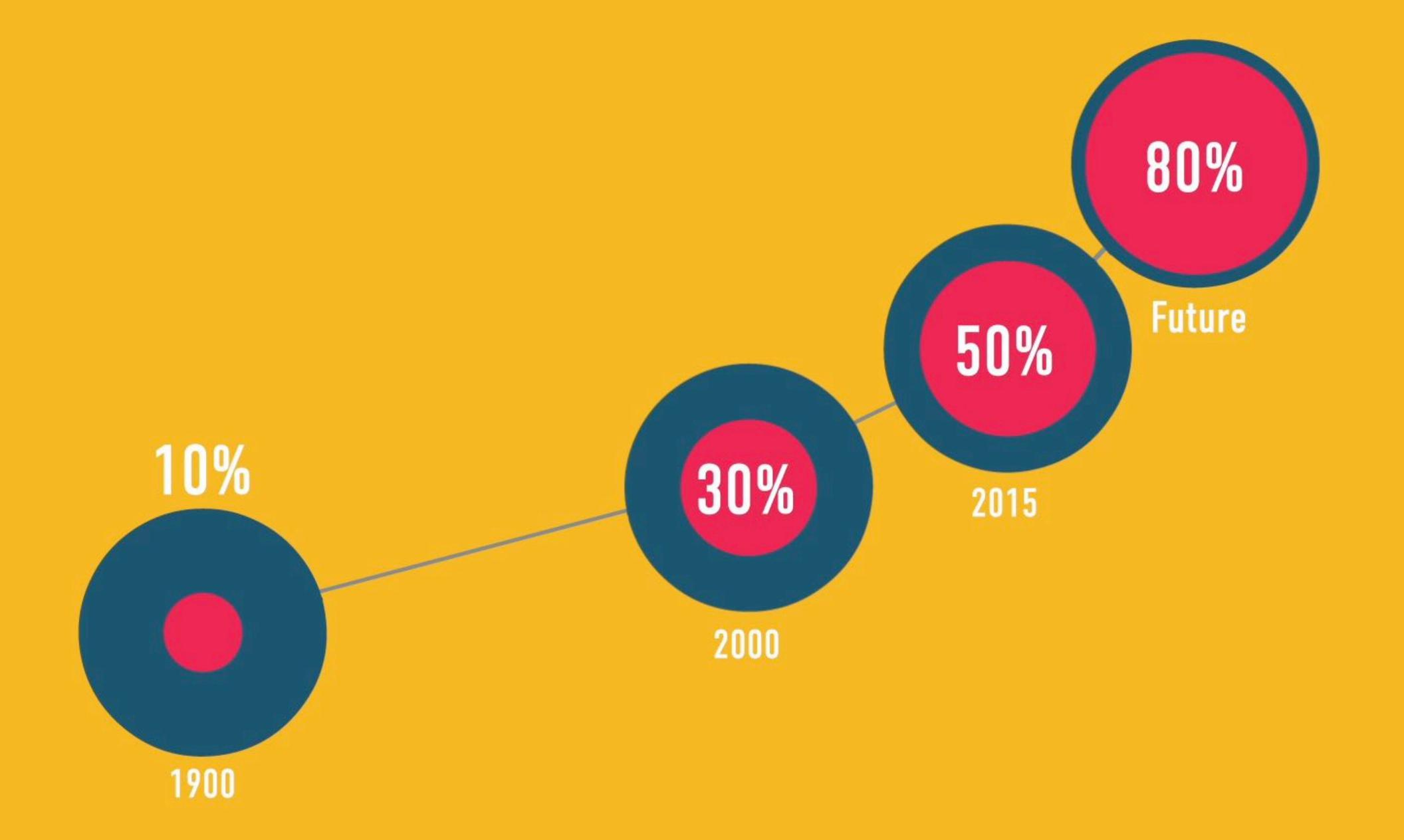
Marks & Spencer is replacing switchboard staff with artificial intelligence to increase the speed it deals with customer complaints and queries.



Anything that cannot be digitized or automated will become extremely valuable



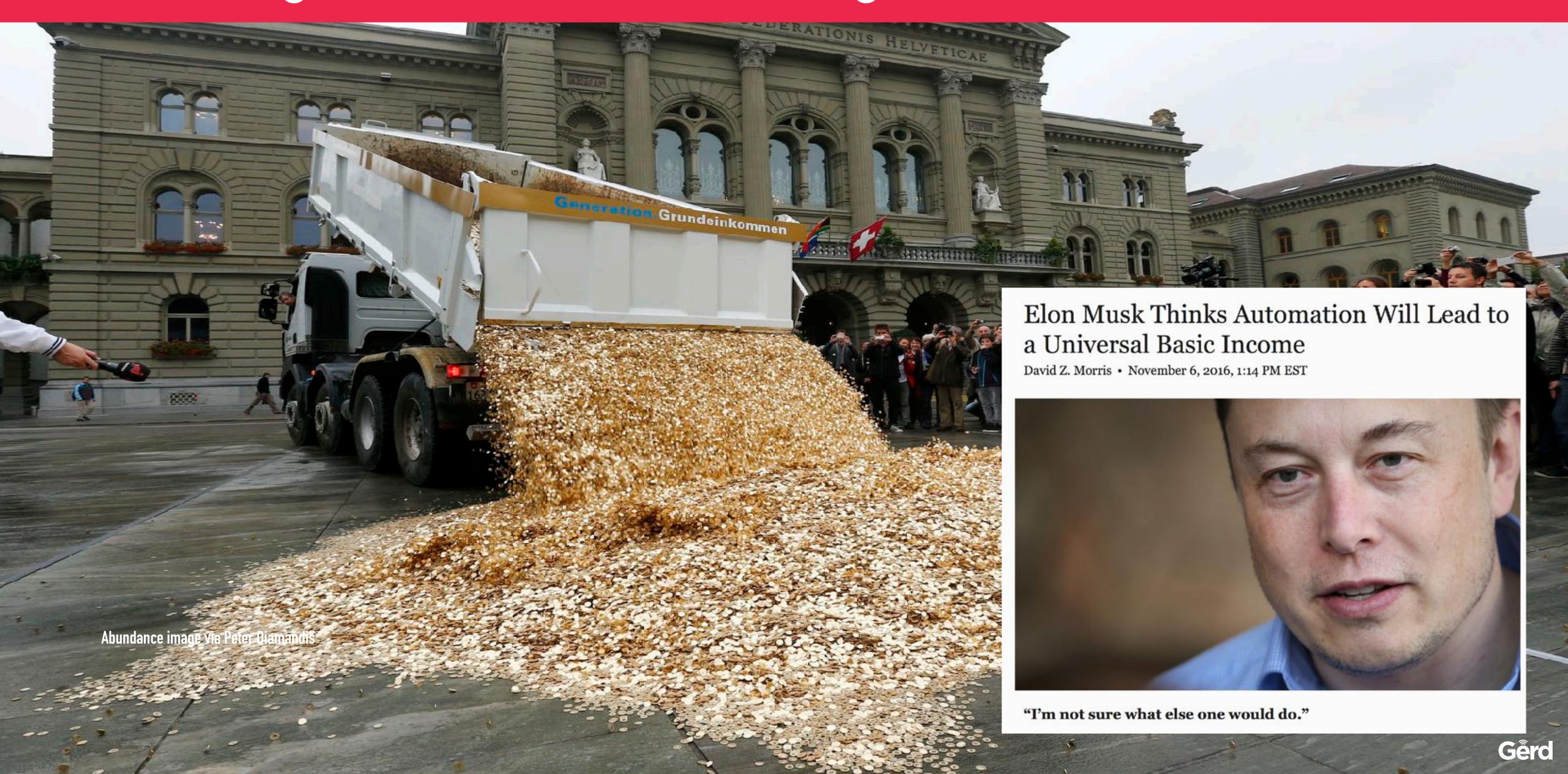
The percentage of our tasks that is 'human-only' will dramatically increase

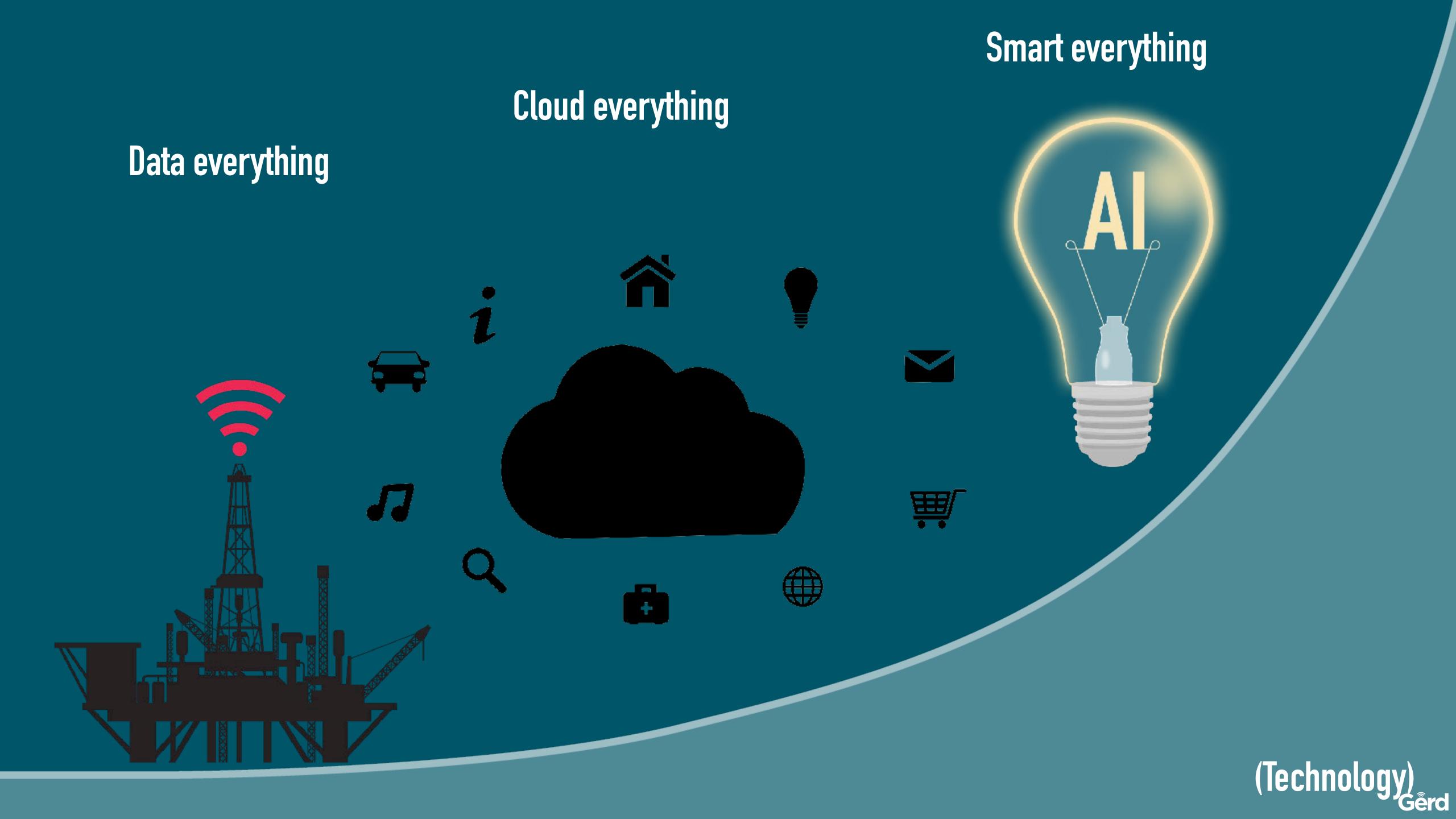


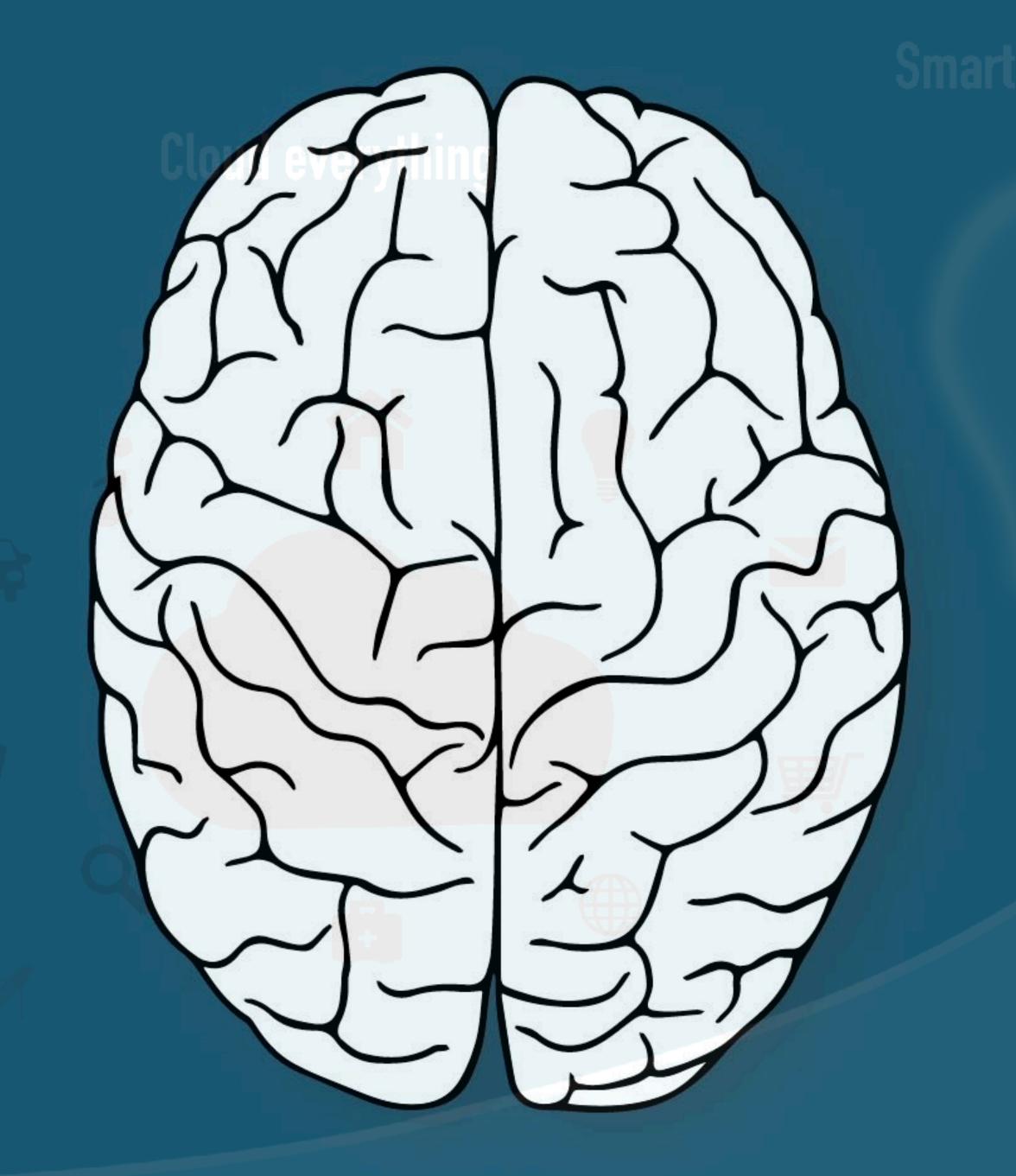
Huge transition challenges but ultimately a promising future

- 70% of the new jobs in 2030 haven't even been invented yet (Oxford)
- Only 5% of all routine jobs can be fully automated (Mc Kinsey)
- In the last 10 years, 94 % of totally new kinds of jobs have appeared outside of traditional employment (Cornell study)
- By 2030 we are likely to see the first countries where more than 50% of people will work 'gigs' i.e. do freelance, on-demand, entrepreneurial work (Gerd)
- Within 20 years, we may be able to detach money from work (and purpose!)

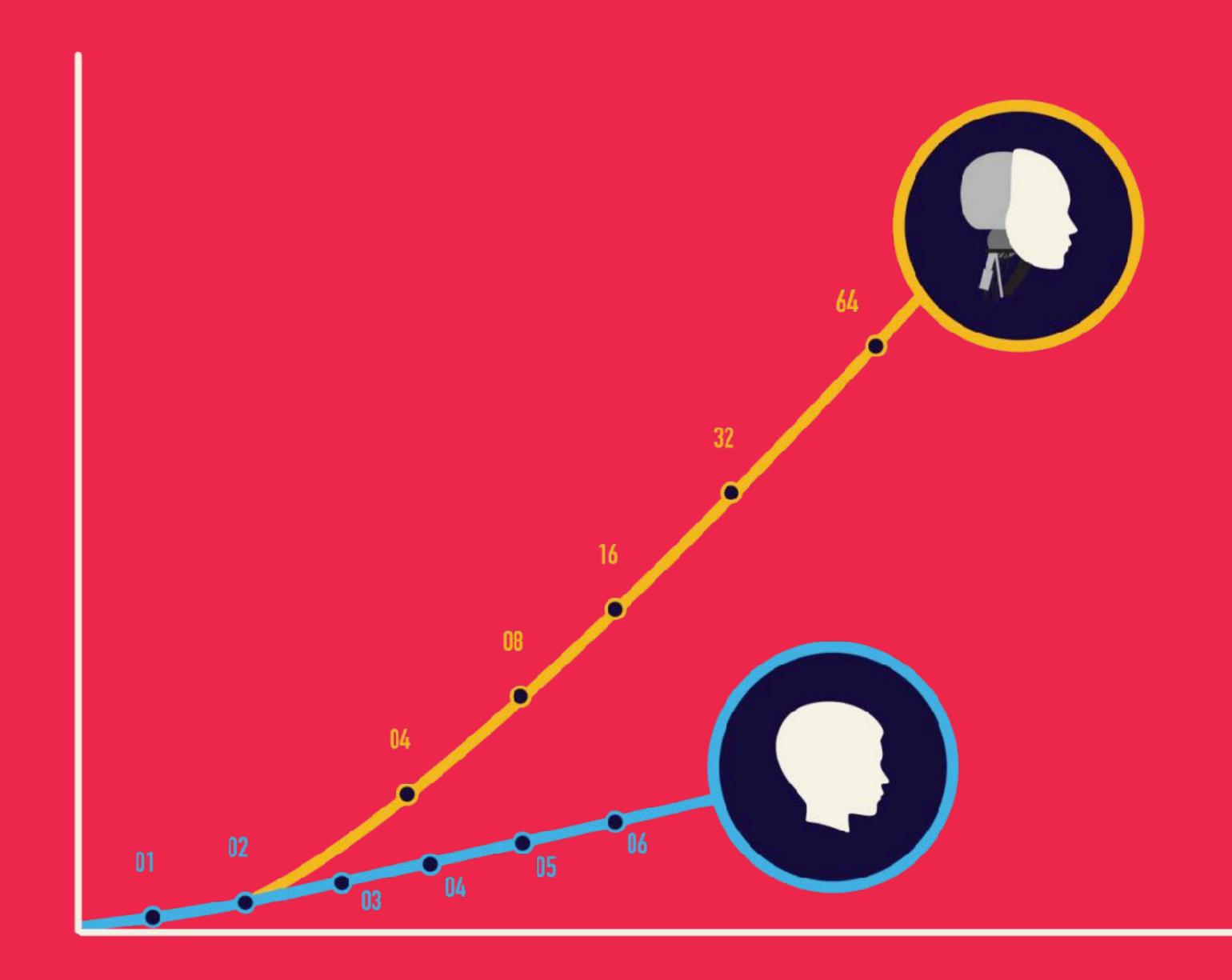
The coming shift in economic logic: the basic income (UBI)







Technology is exponential but humans are not



Machine 'smartness'
will become abundant
but humanness will
become even scarcer

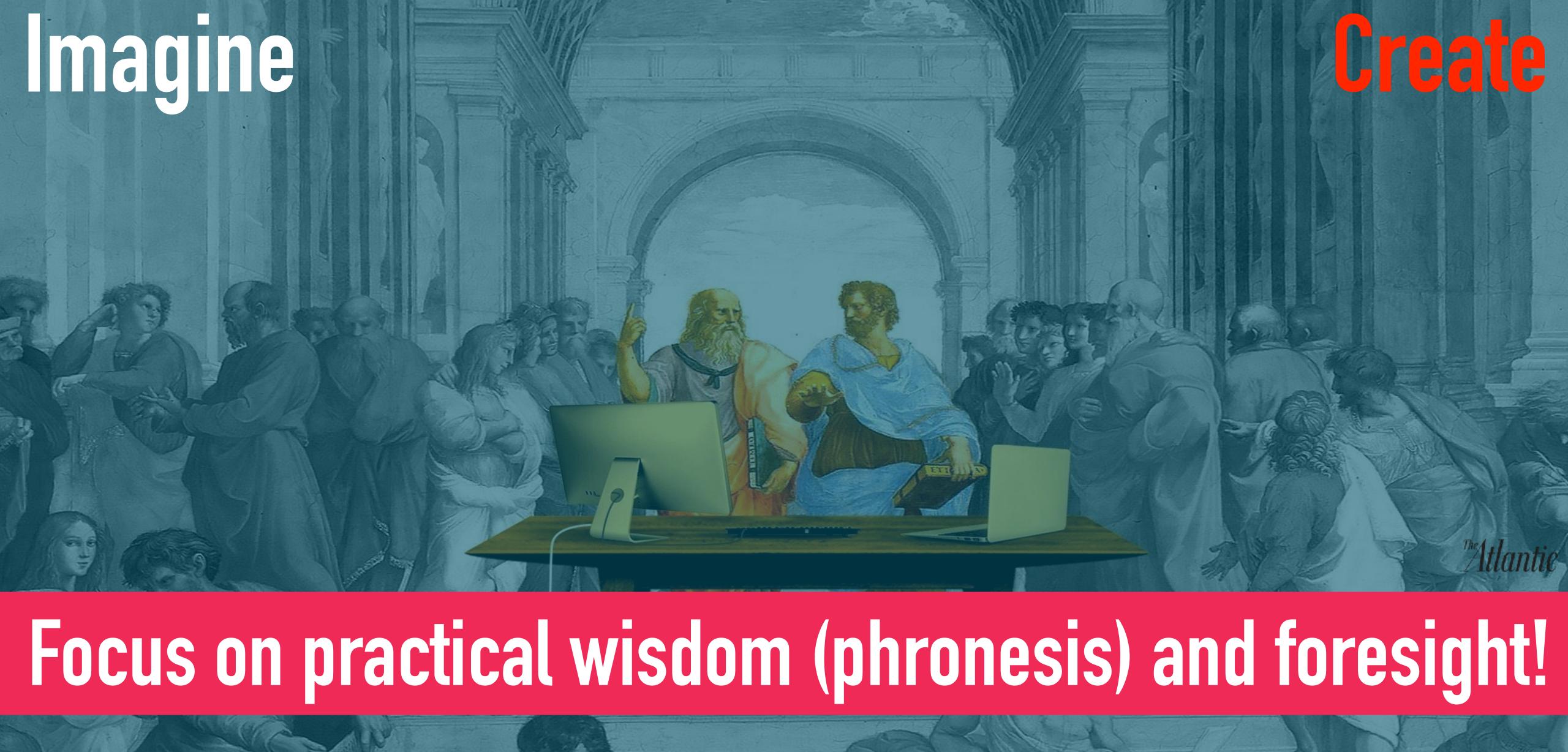
Focus less on efficiency, and more on purpose, experience and transformation



Up-skill for exponential change: adopt a 'Future-Mindset'

COMBINATORIAL CONVERGENT INTERDEPENDENT HUMAN-CENTRIC HOLISTIC

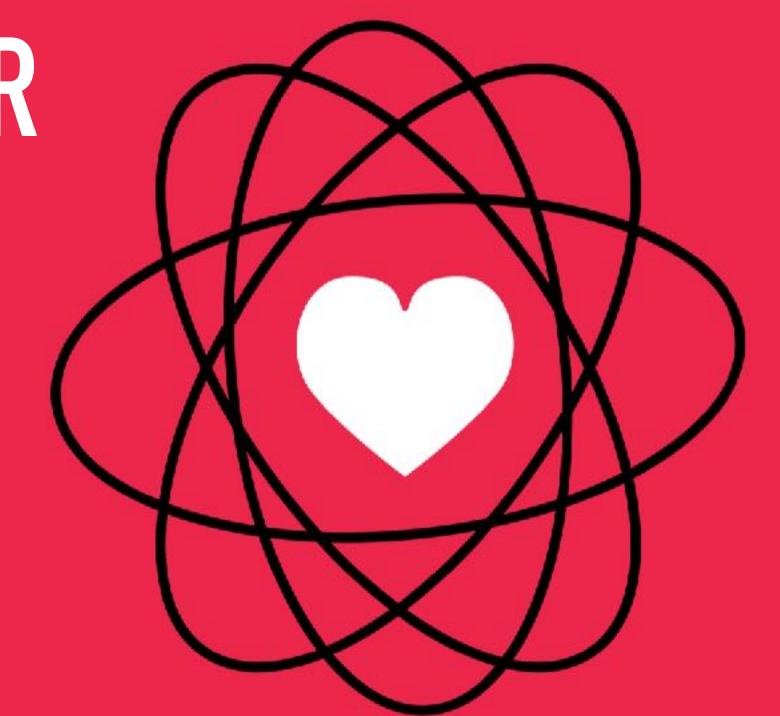




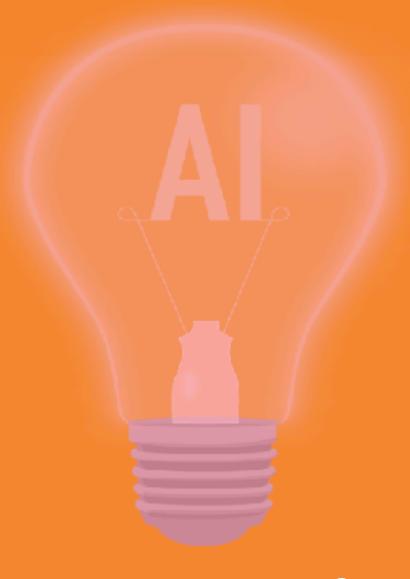
Understand Observe

THE FUTURE OF WORK and HR









Embrace technology but don't become it!



