



GESS

GLOBAL EDUCATIONAL
SUPPLIES & SOLUTIONS

DUBAI

25 - 27 FEBRUARY 2020

Technology & Humanity: Jobs, Work and the Future of Education the next 10 years



techvshuman.com



gerdtube.com



[@gleonhard](https://twitter.com/gleonhard)



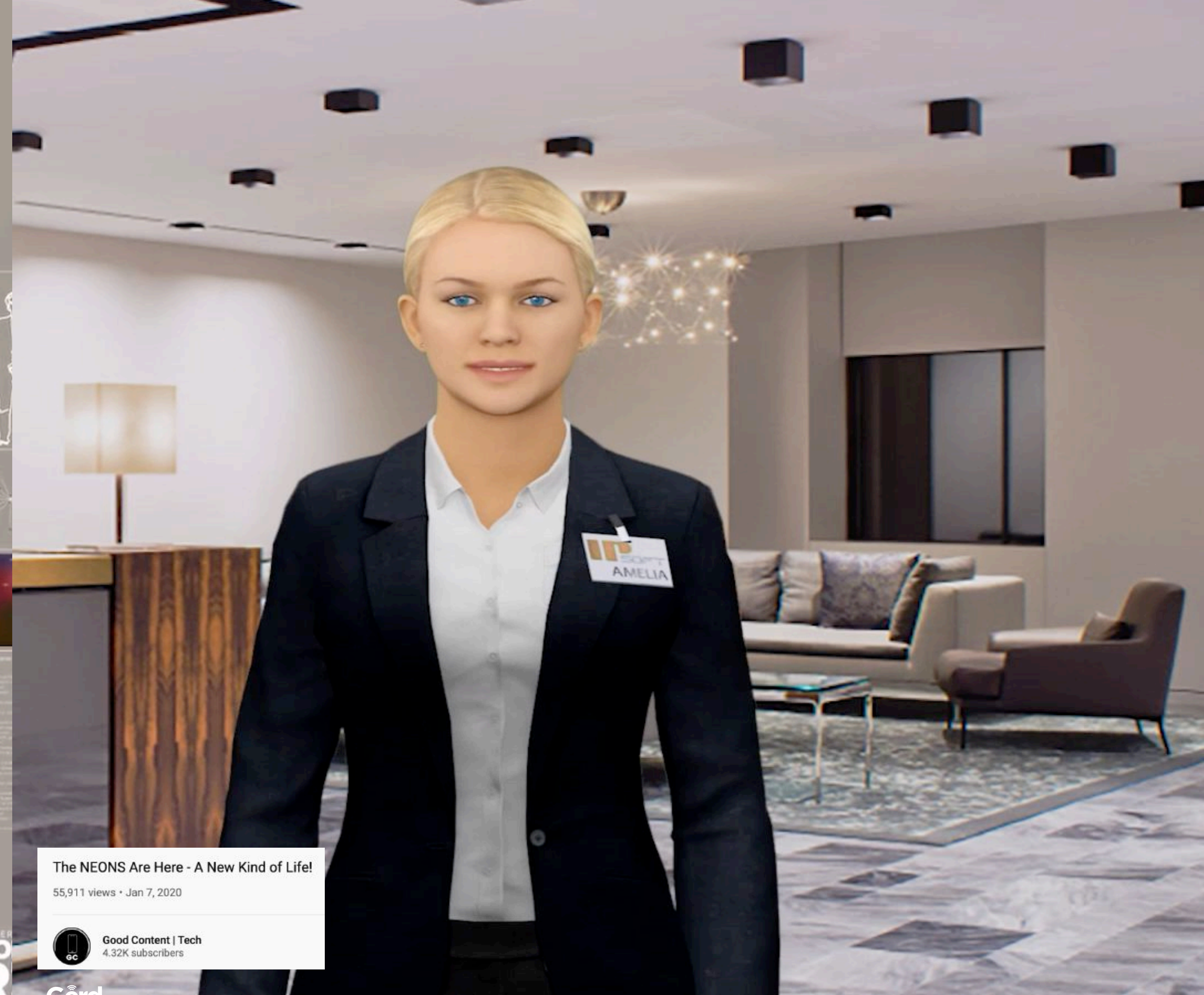
futuristgerd.com

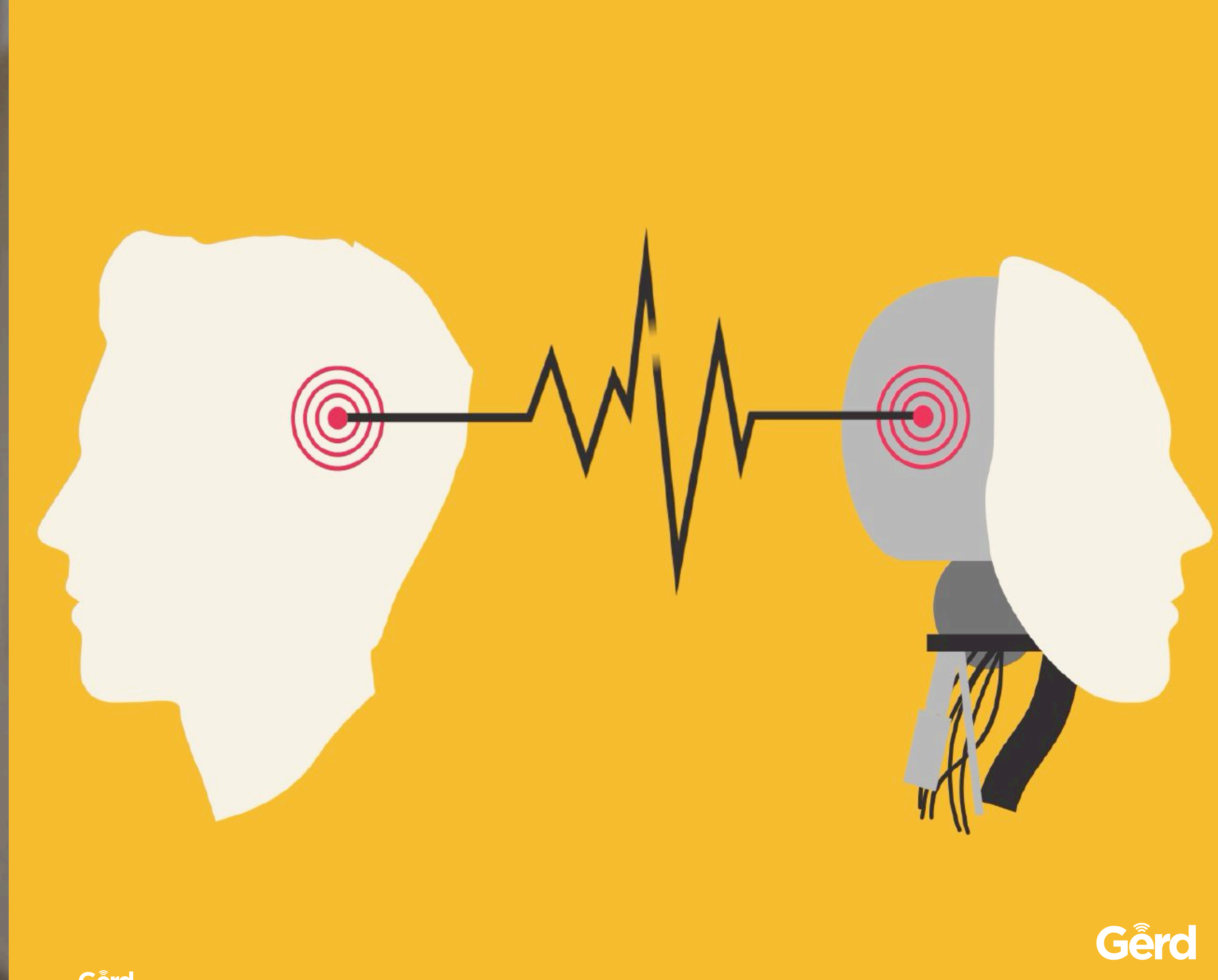
www.howthefutureworks.tv

WHY YOUR ULTIMATE JOB IS TO BE HUMAN

Technology ☯ Humanity

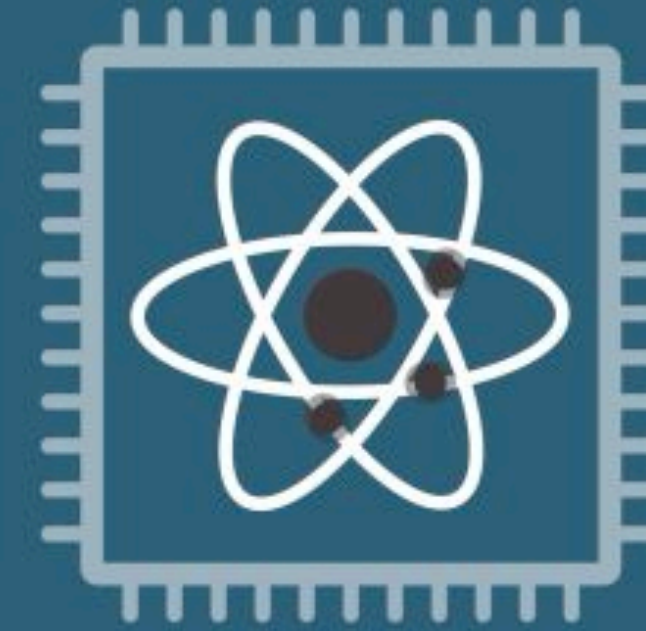
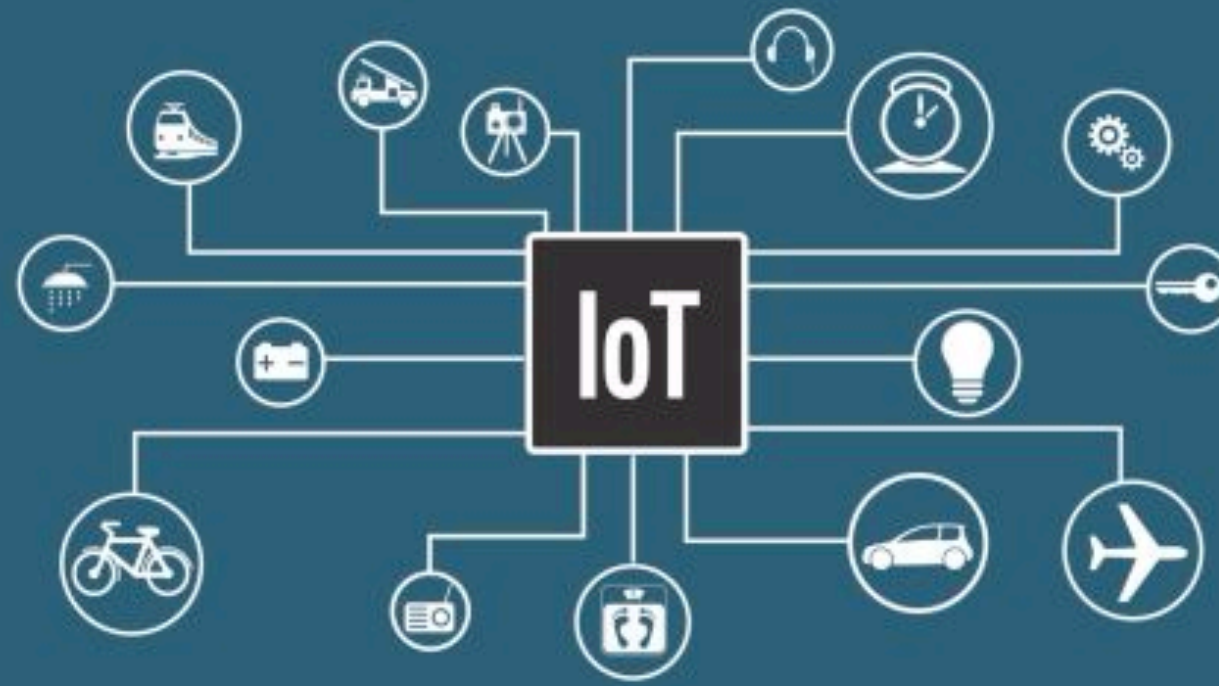






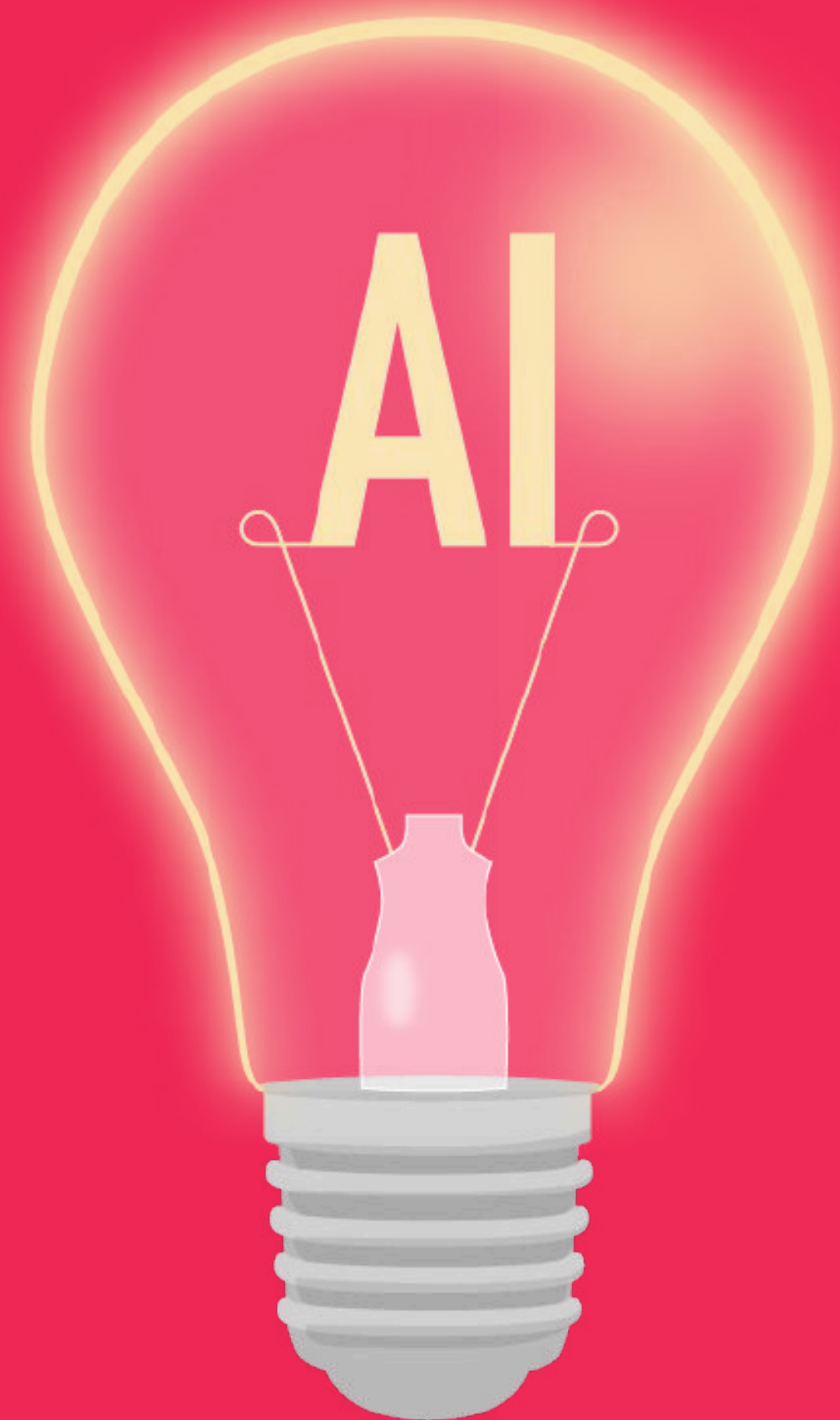


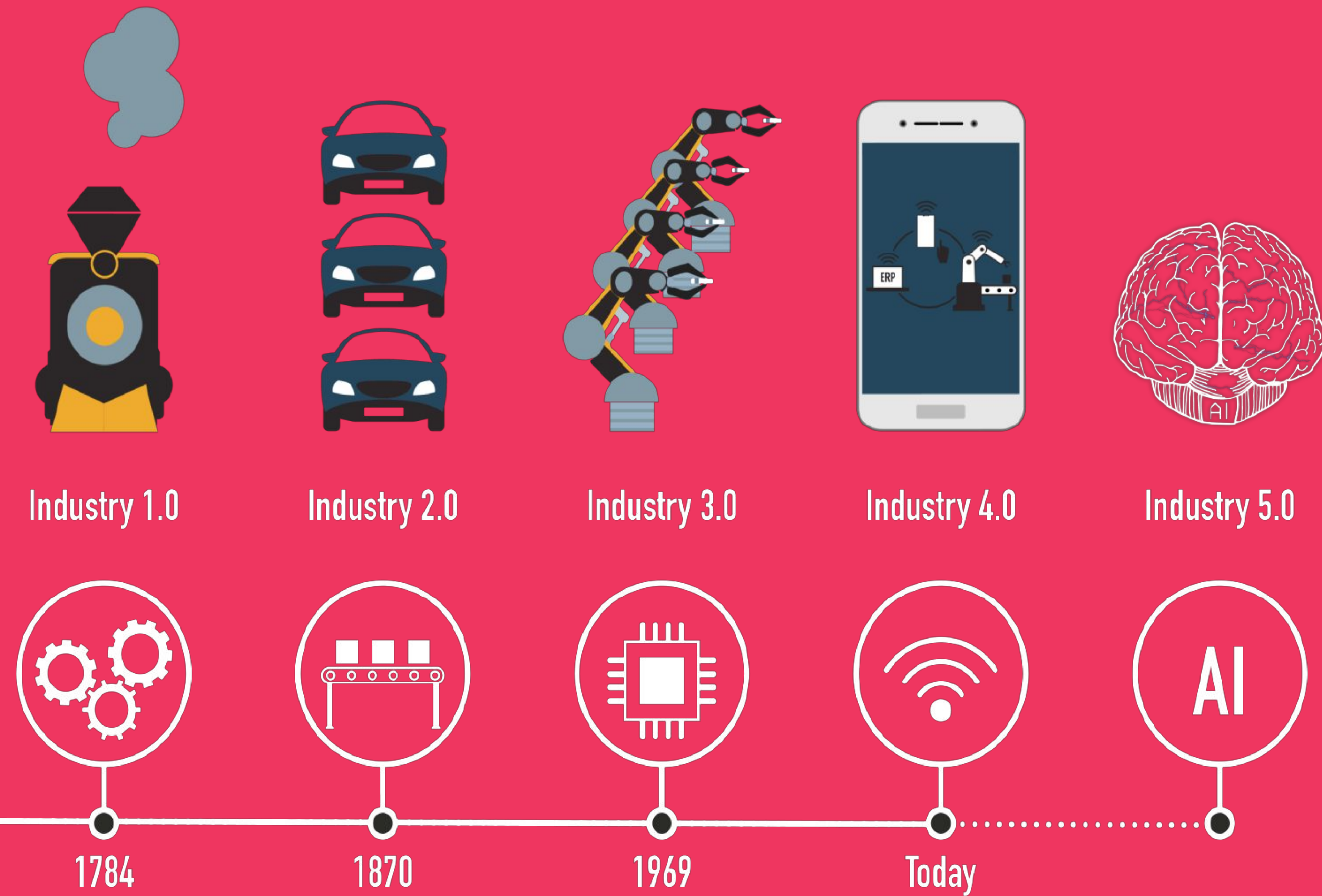
10 technological game-changers impacting work, jobs & education

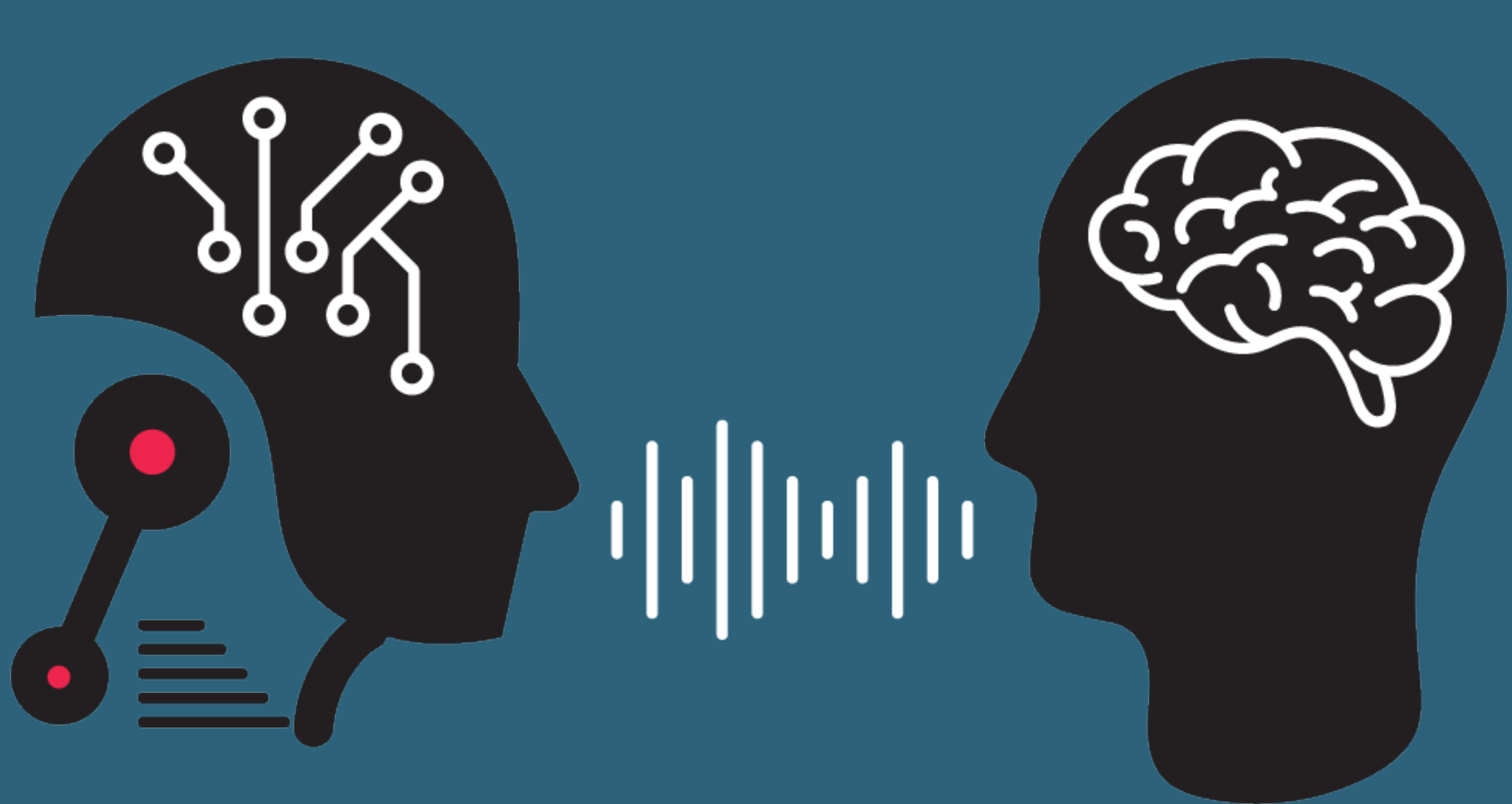


The 10 Game-Changers: big data, cloud, IoT, quantum, voice-control, AI, blockchain, 3DP, VR/AR, genome editing



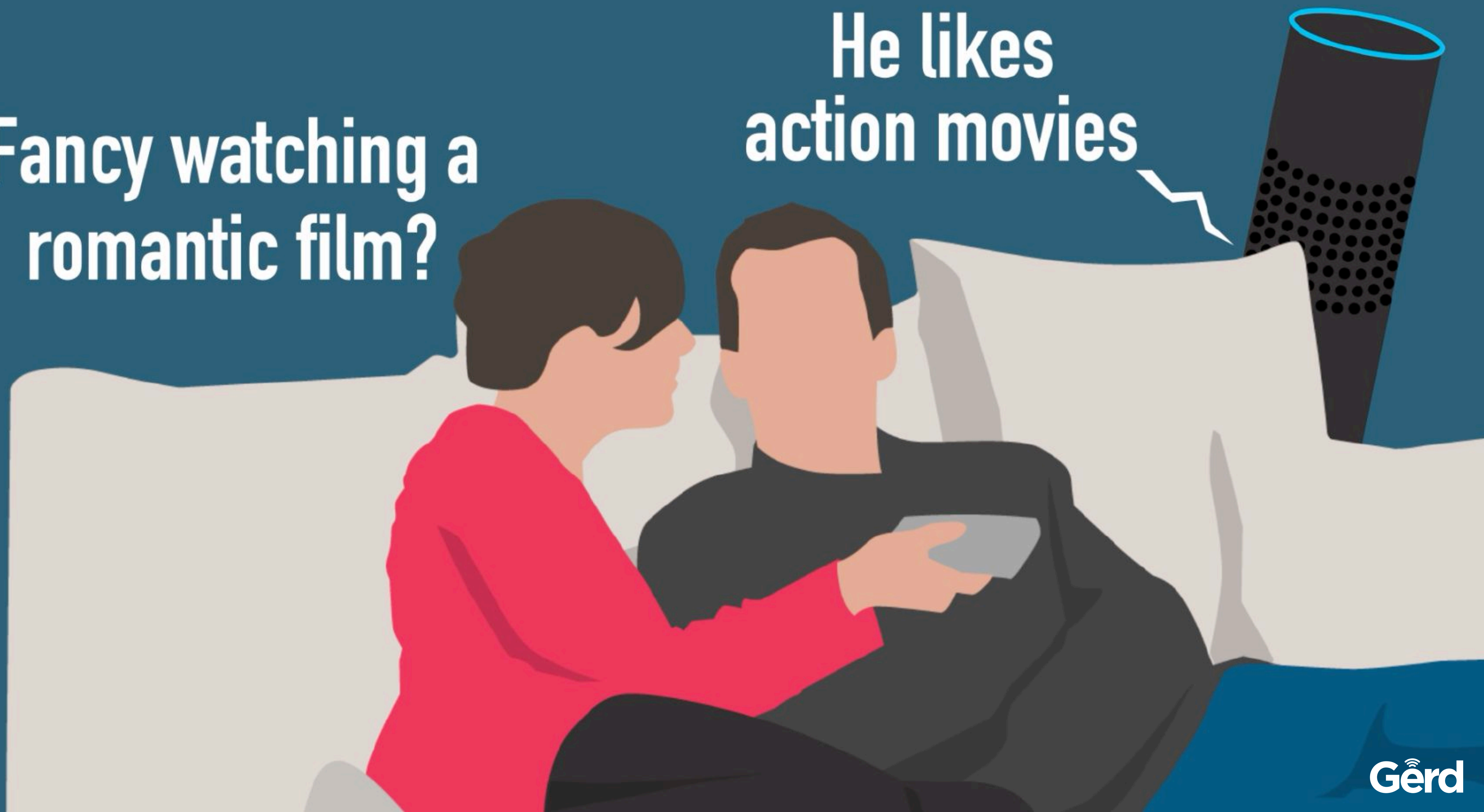




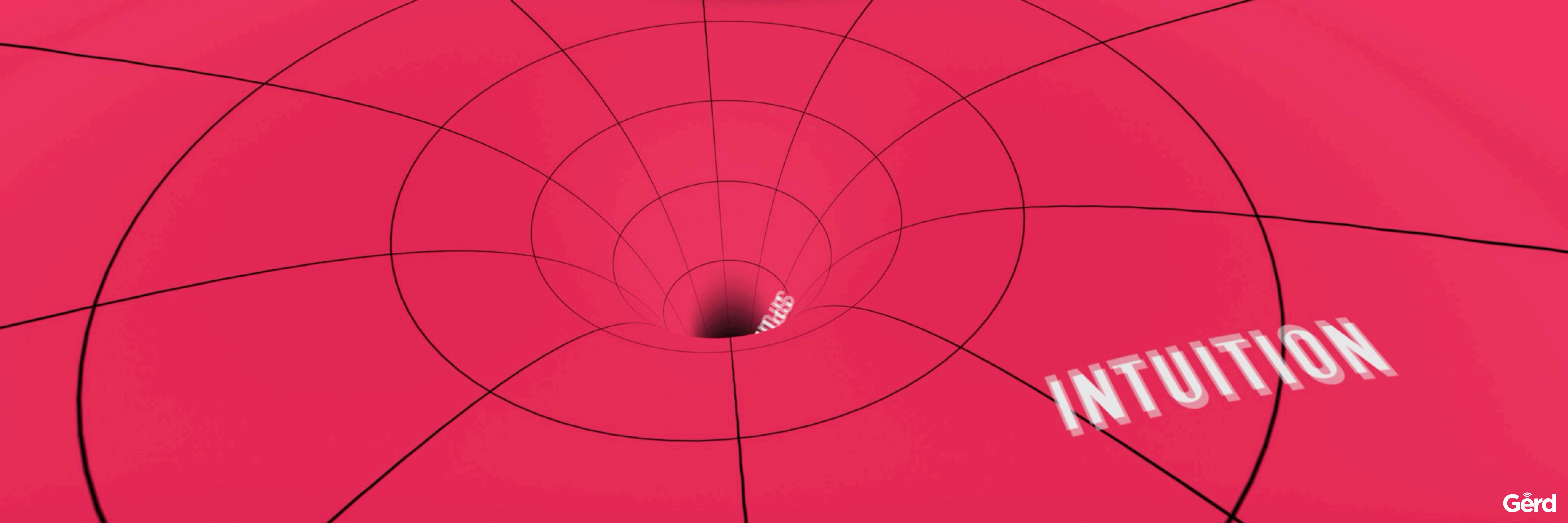


Fancy watching a
romantic film?

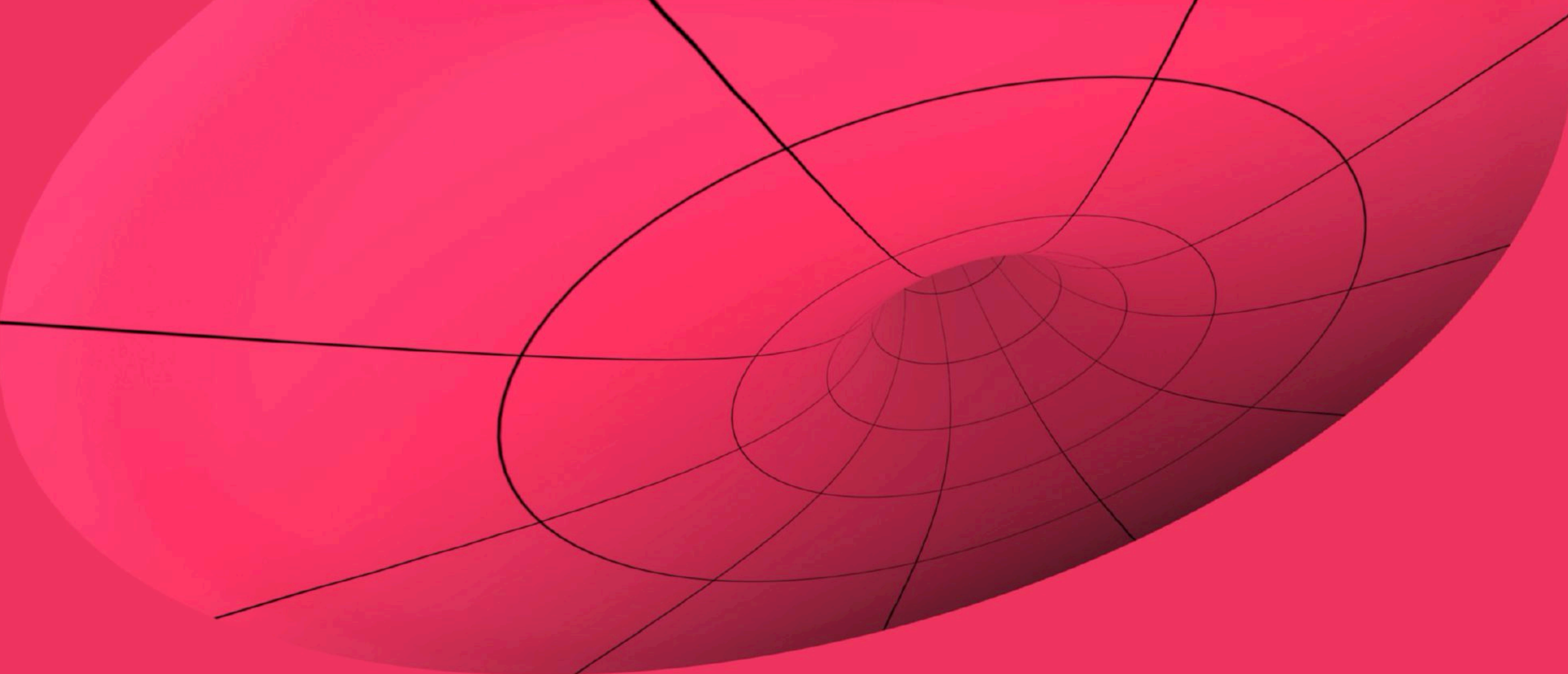
He likes
action movies





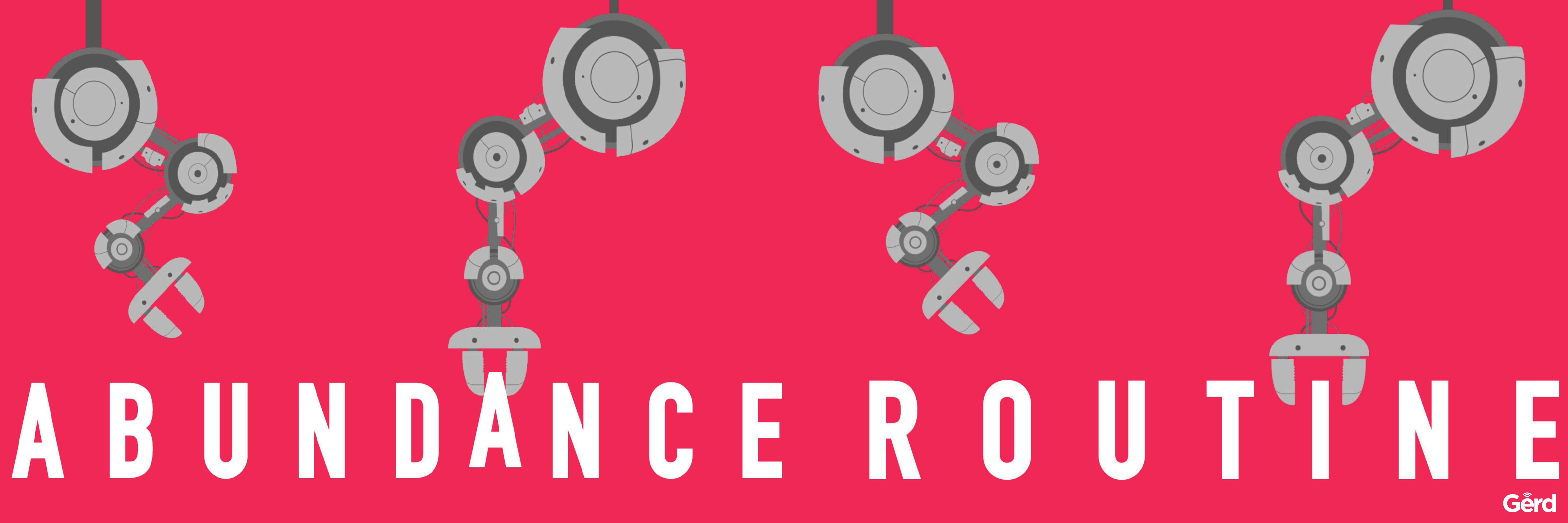


INTUITION



**DATA
ALGORITHMS
EFFICIENCY
PRODUCTIVITY
PERFORMANCE**

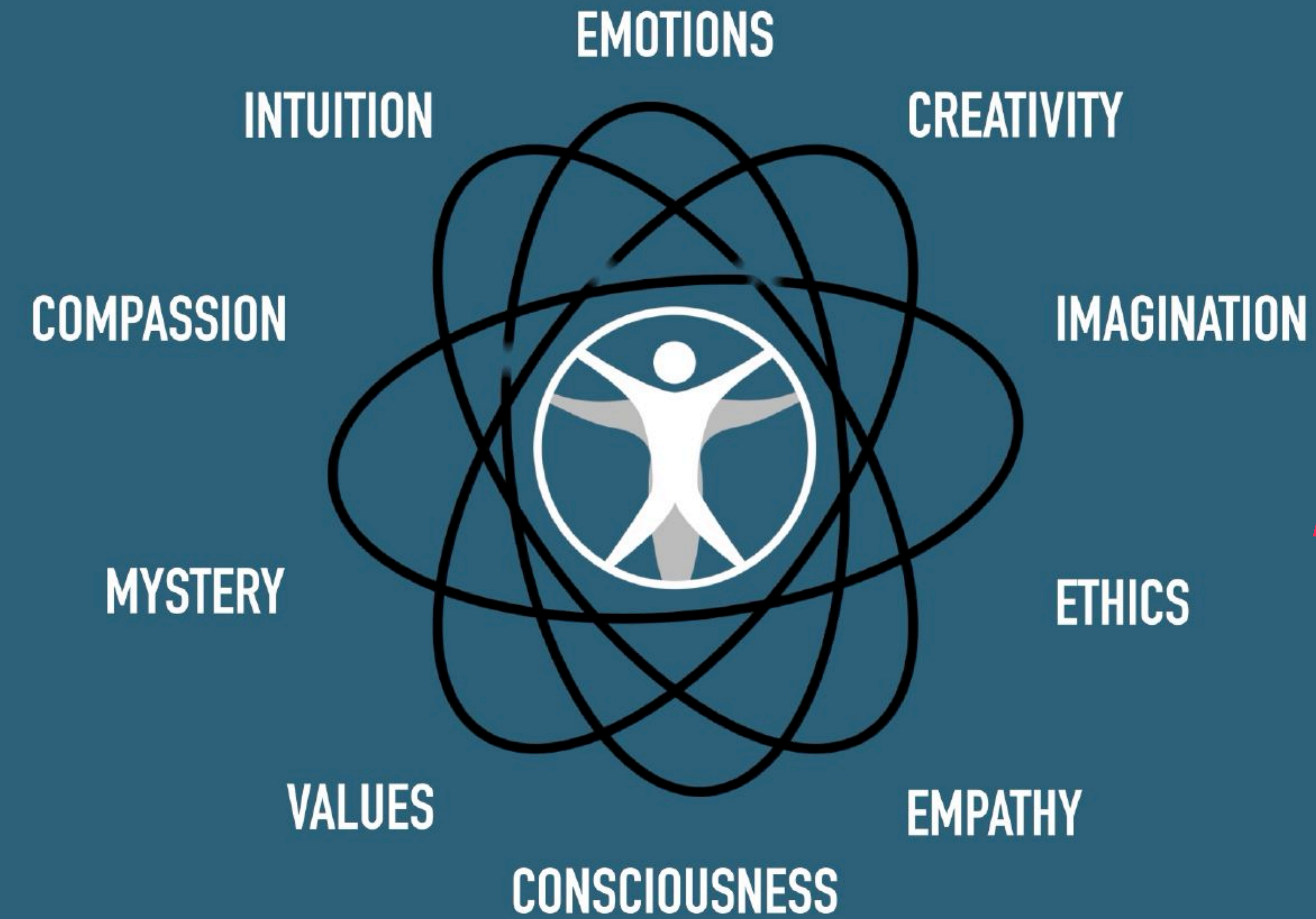




ABUNDANCE ROUTINE

Anything that can be digitised and automated, will be – but anything that **CANNOT** will become extremely valuable!

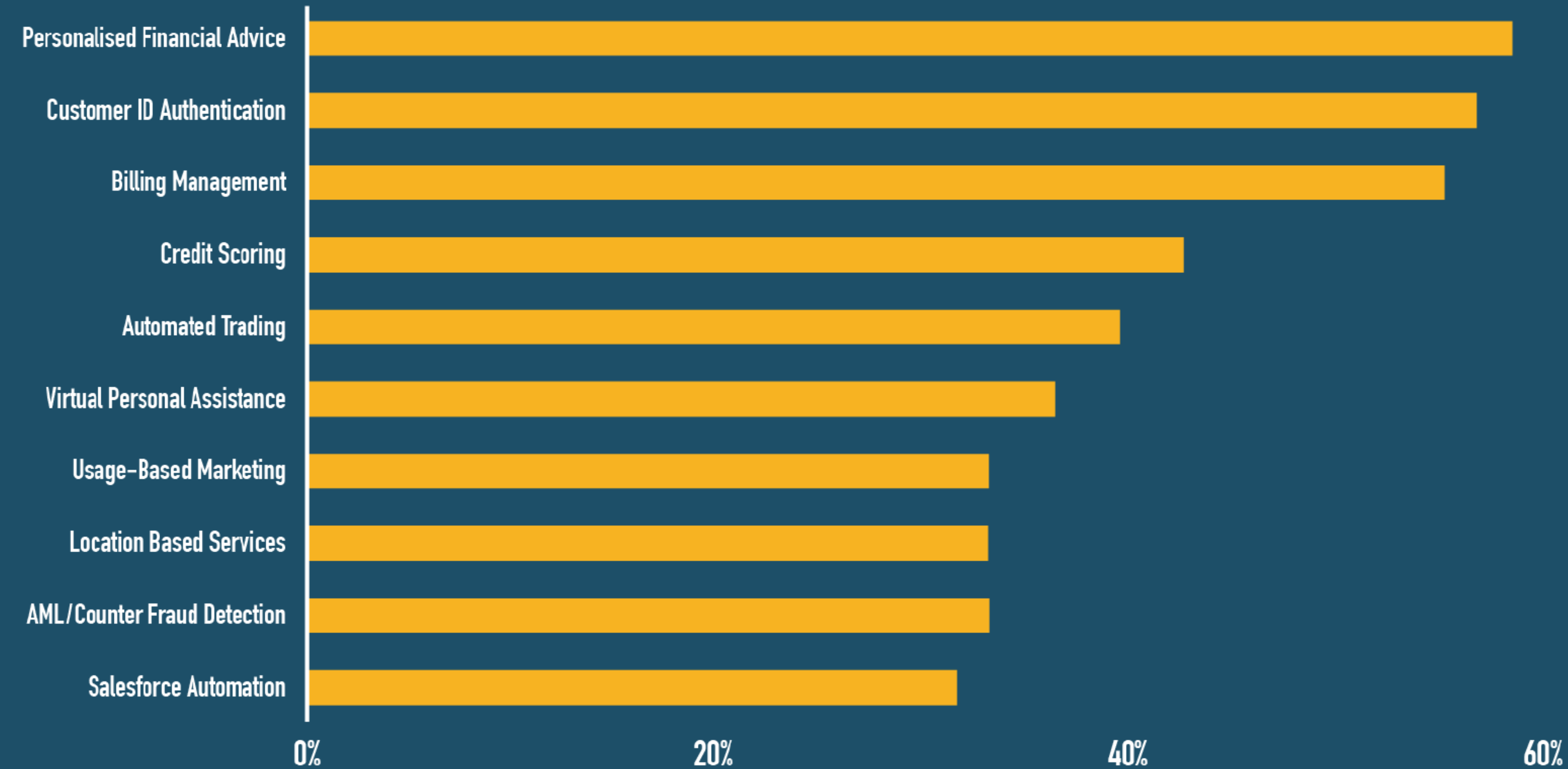




ANDRORITHMS



BUSINESS SOLUTIONS BEING ADDRESSED BY AI IN BANKING

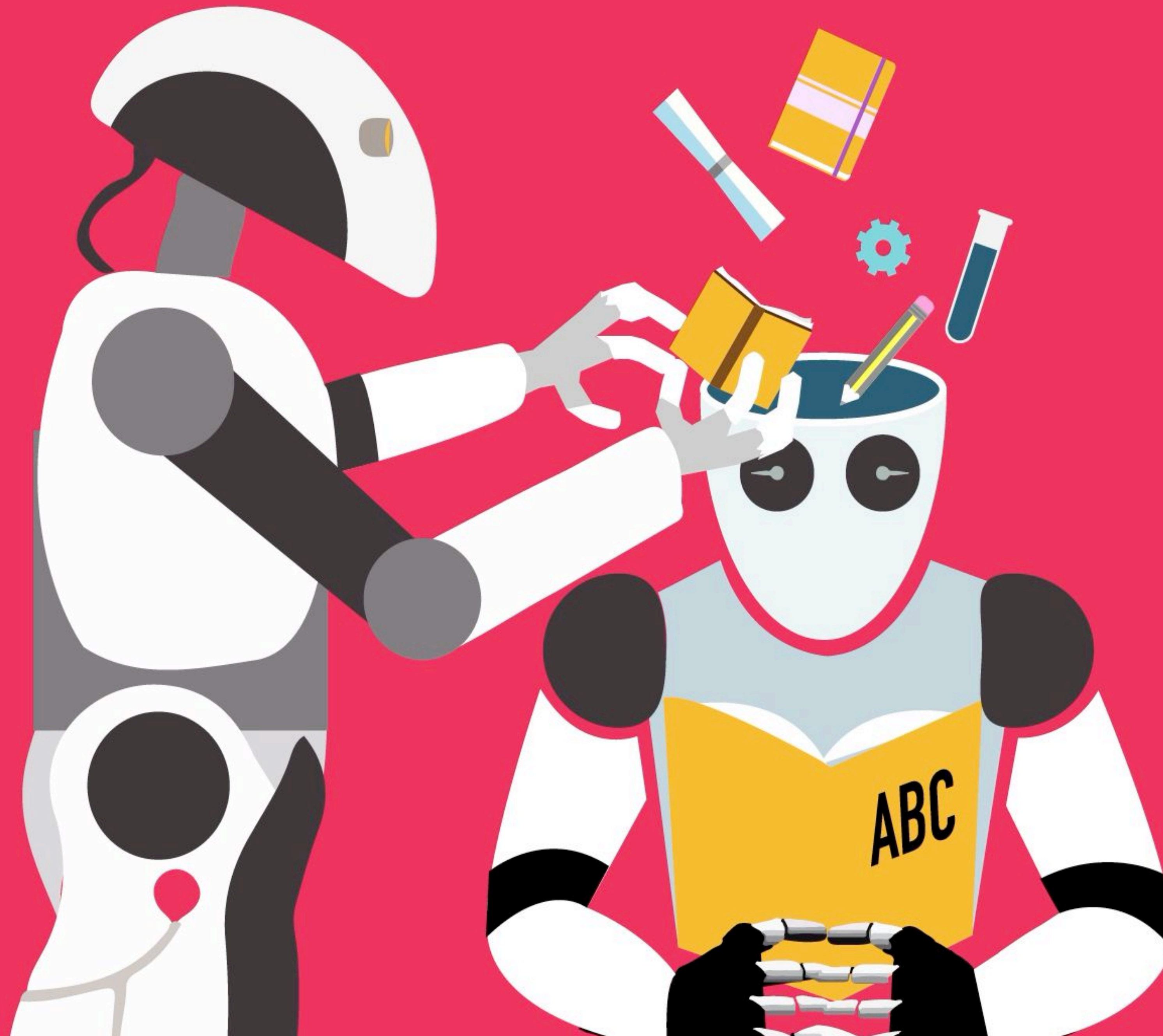


HOW AI COULD CHANGE THE JOB MARKET

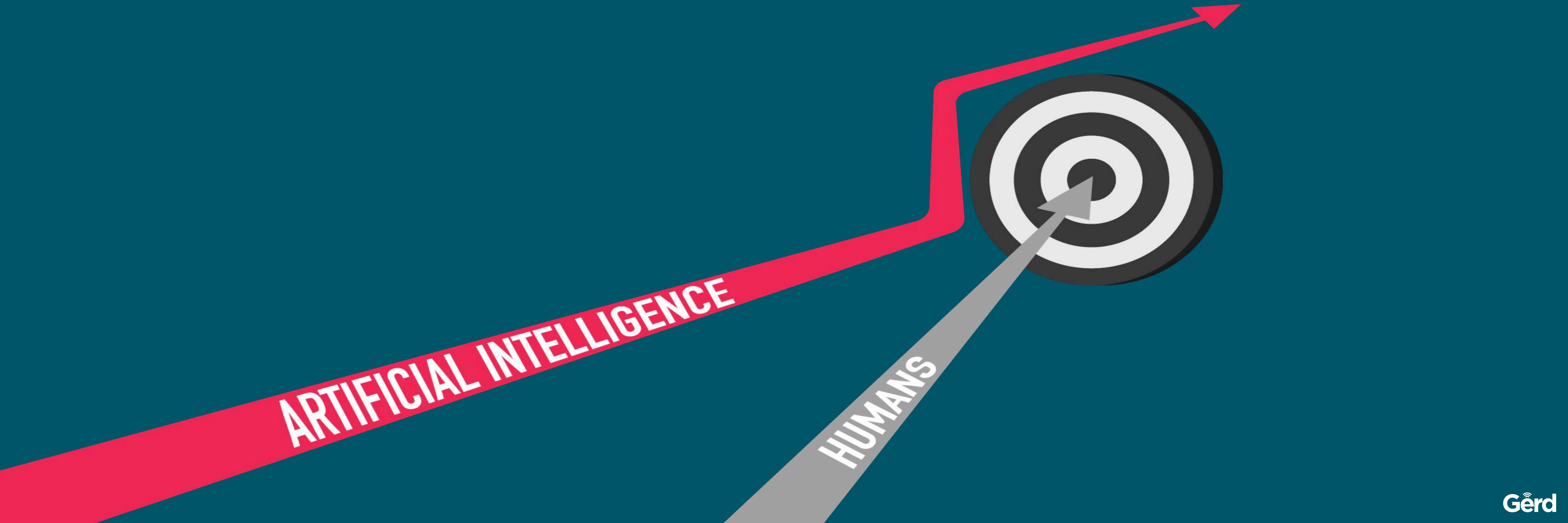
ESTIMATED NET JOB CREATION BY INDUSTRY SECTOR, 2017-2037



Our ultimate job:
BEING HUMAN

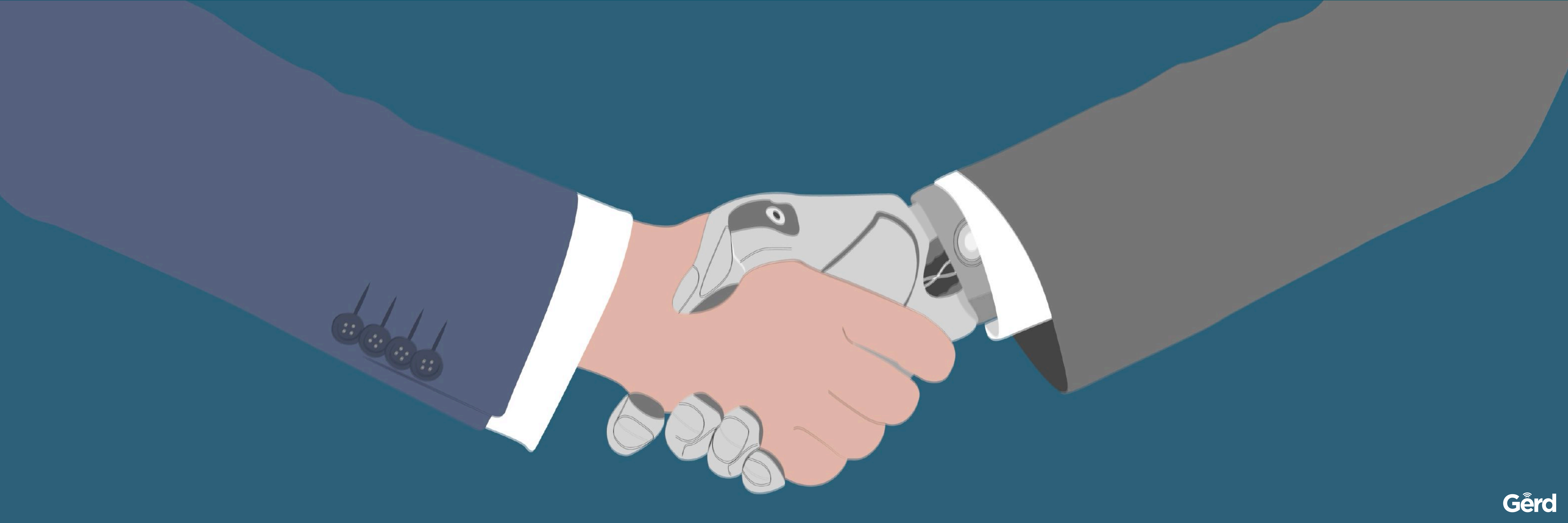


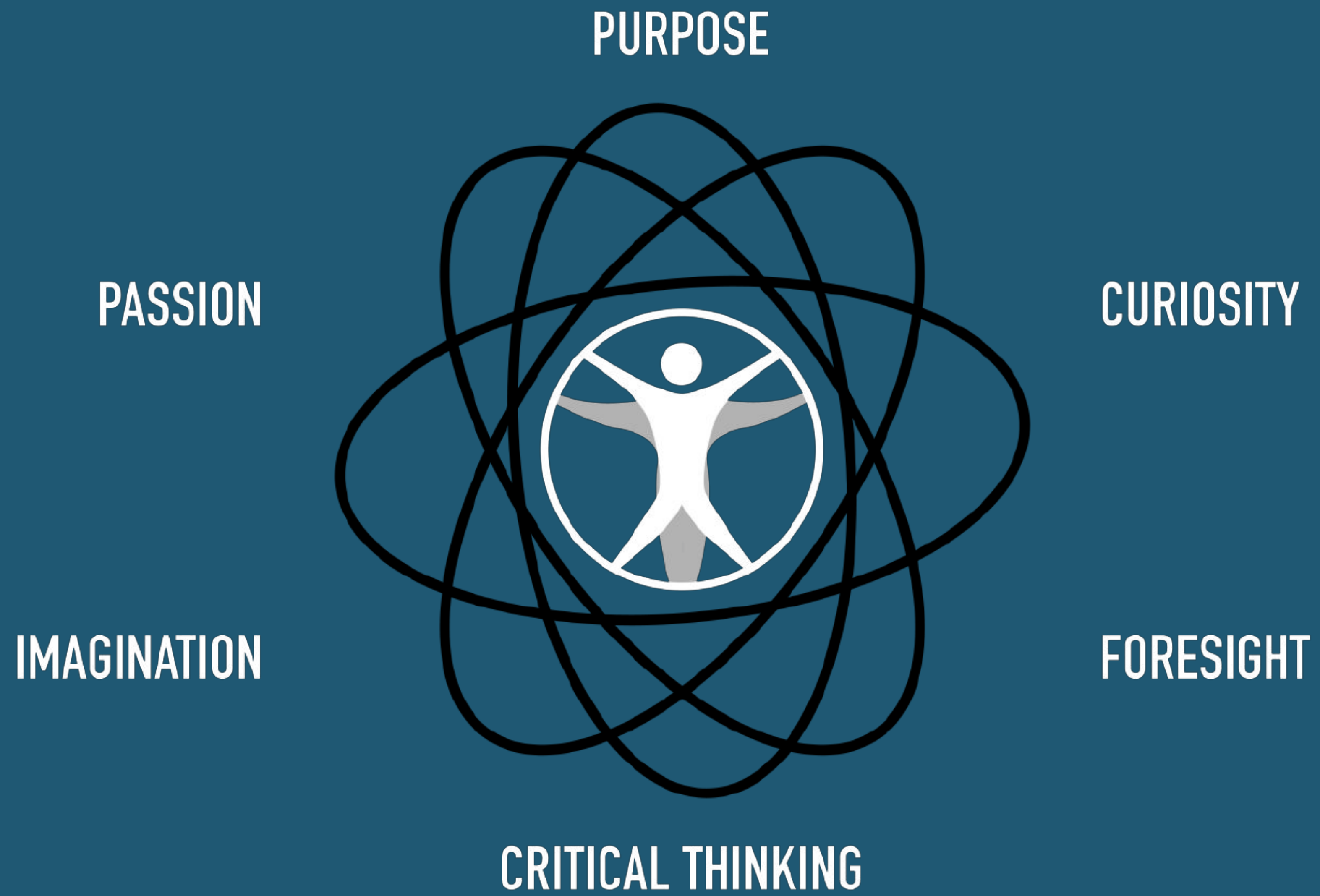
DATA AND INFORMATION
is not Knowledge*
is not Understanding
is not Wisdom
is not Purpose



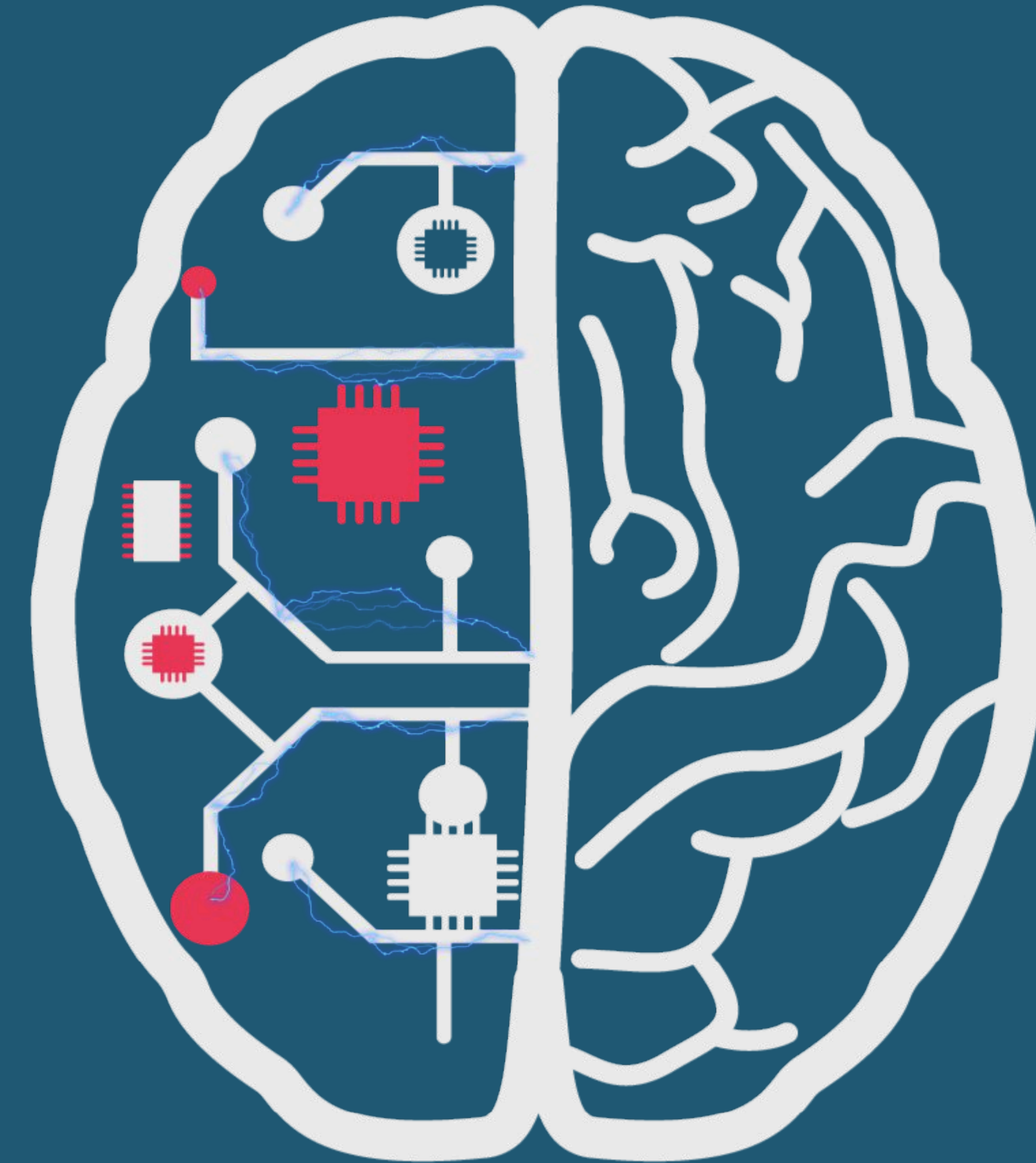


We are least aware of what our minds do best (Marvin Minsky)





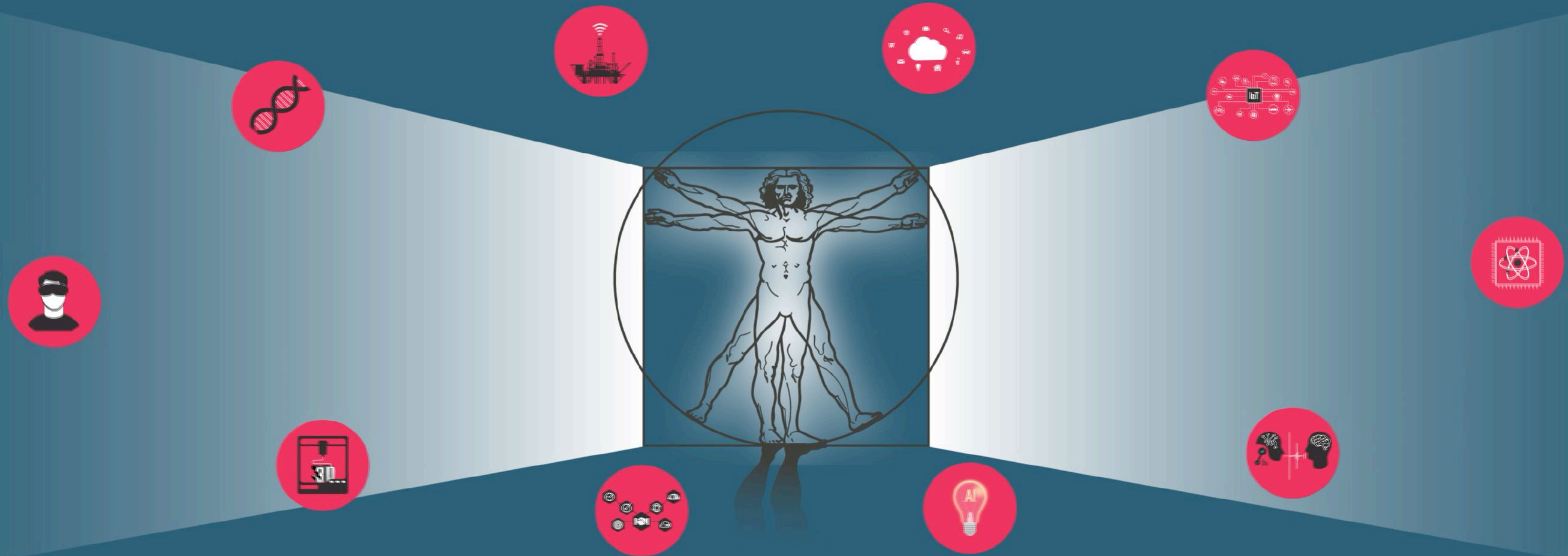
Machines
don't do
relationships!



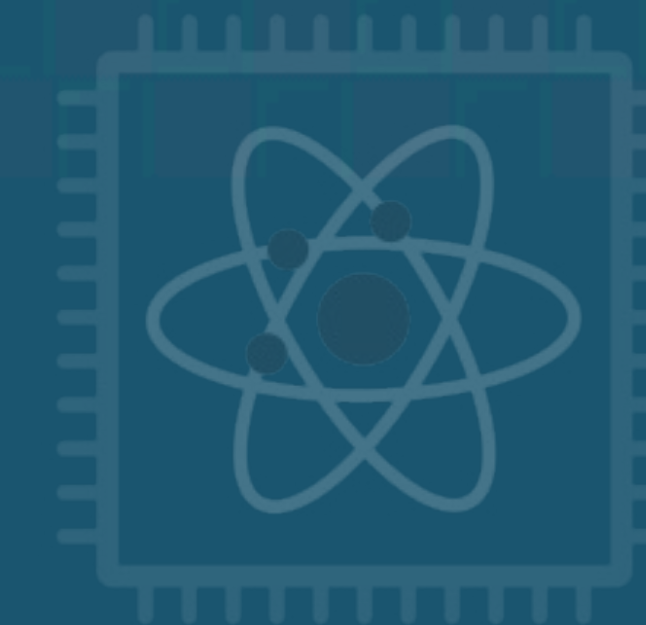
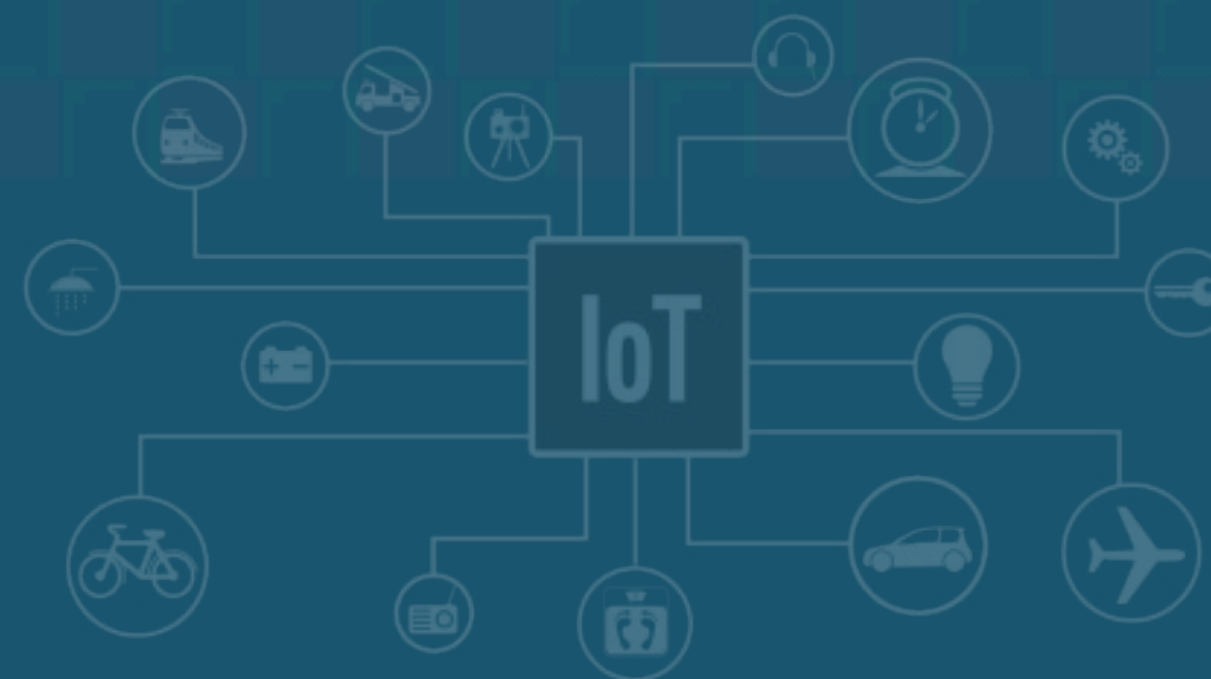
Welcome to the NEW RENAISSANCE



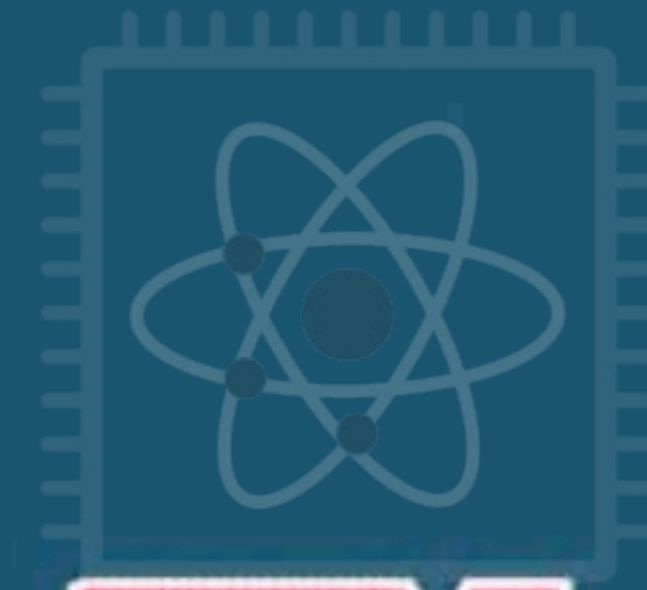
Welcome to the NEW RENAISSANCE



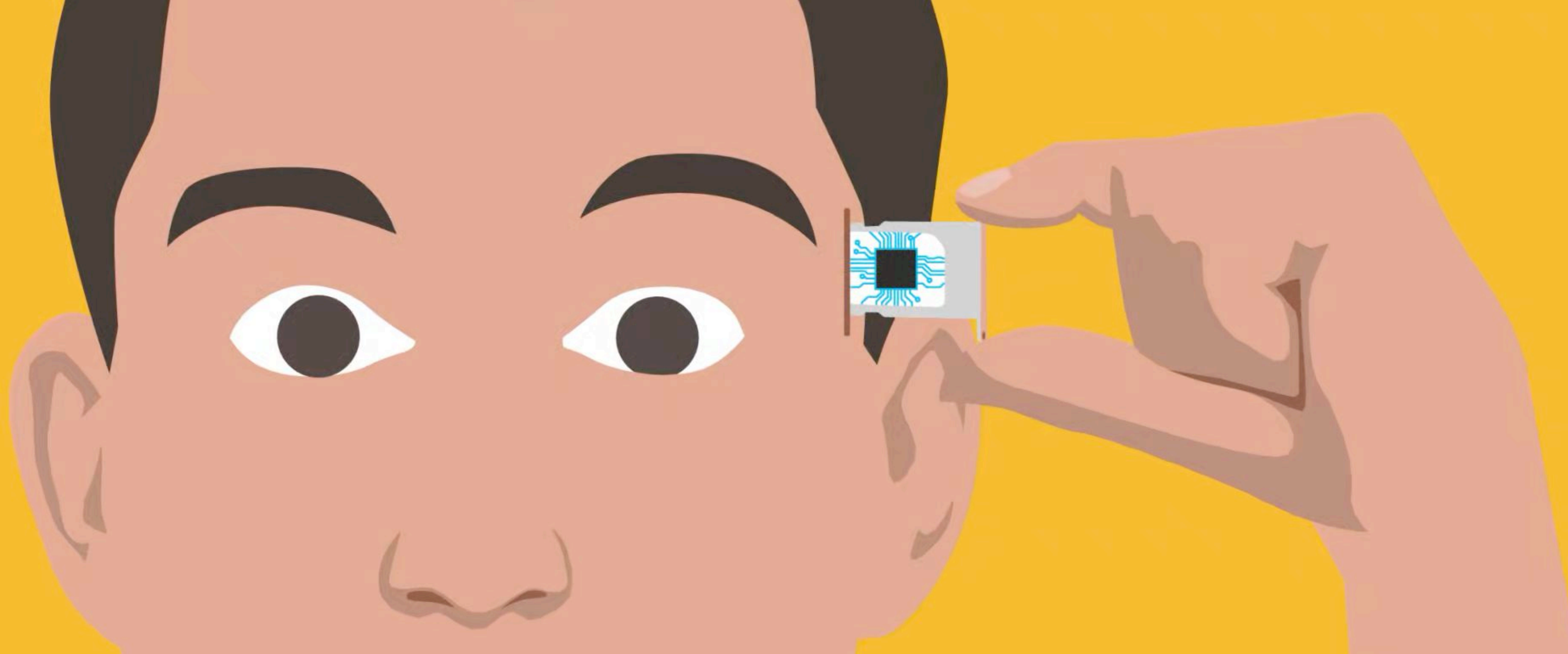
DEHUMANIZATION



RE-HUMANIZATION



Resist machine-thinking. Understand exponential but live linear. Transcend technology – not humanity.



$$e^x$$

Our biggest challenge is not (yet) that the machines will take over, but that we become too much like them!



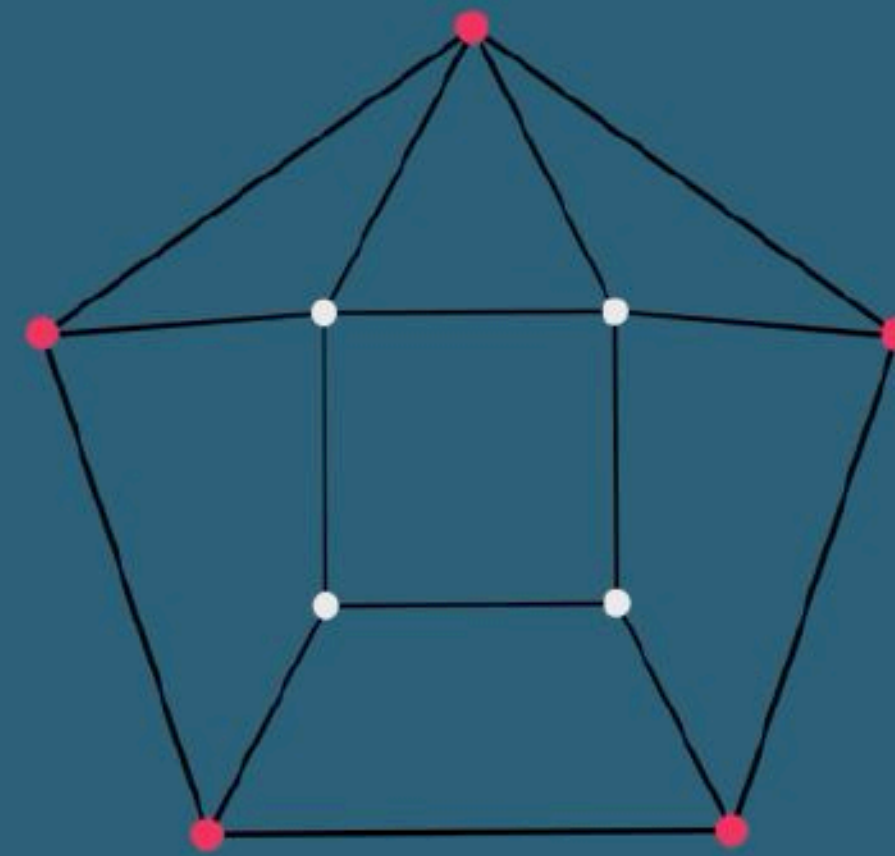
The 6 Future Principles: 3x technology, 3x humanity. Future-ready education must encompass all 6.

e^x

EXPONENTIAL



CONVERGENT



COMBINATORIAL



HOLISTIC

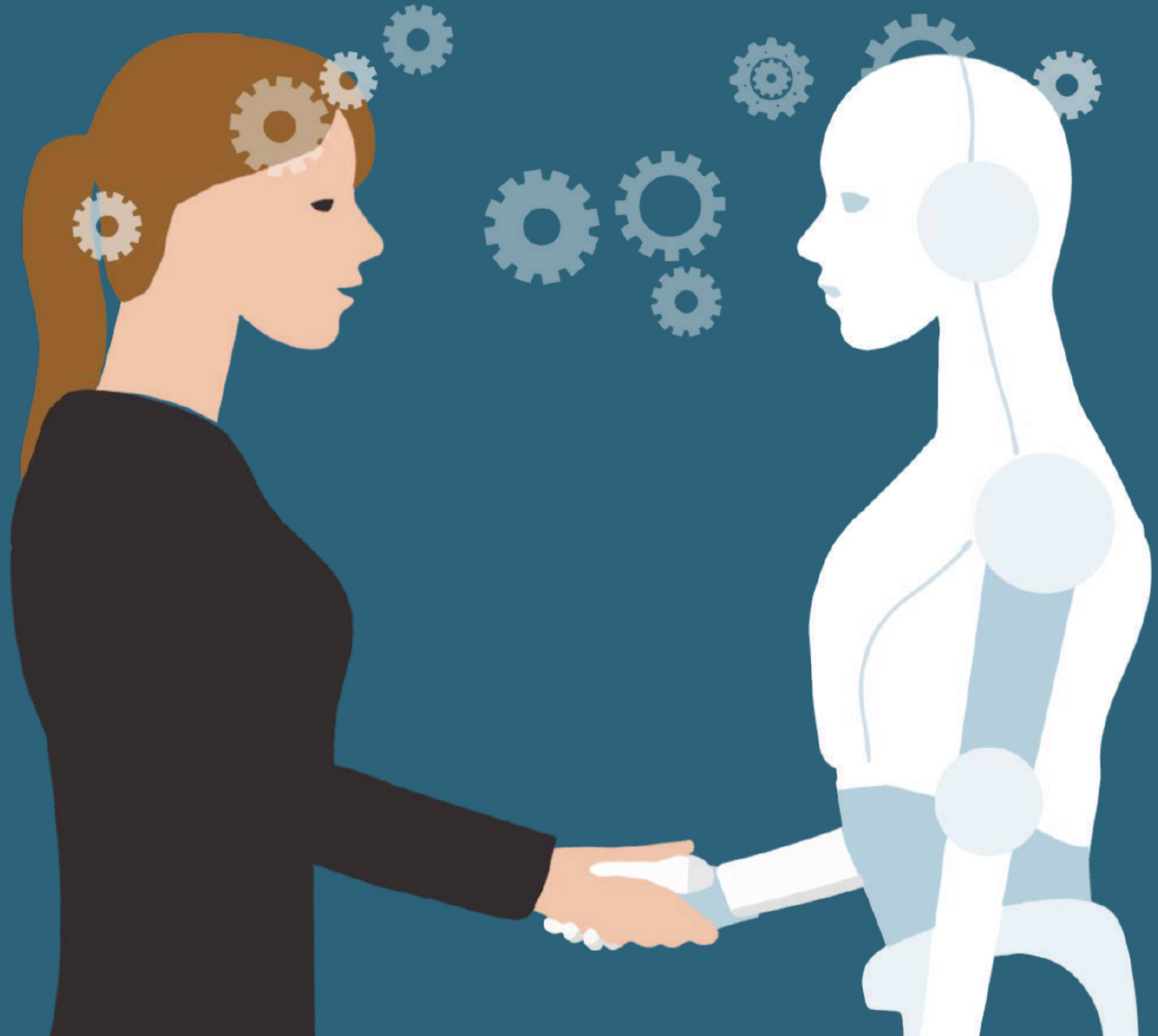


CIRCULAR



HUMAN

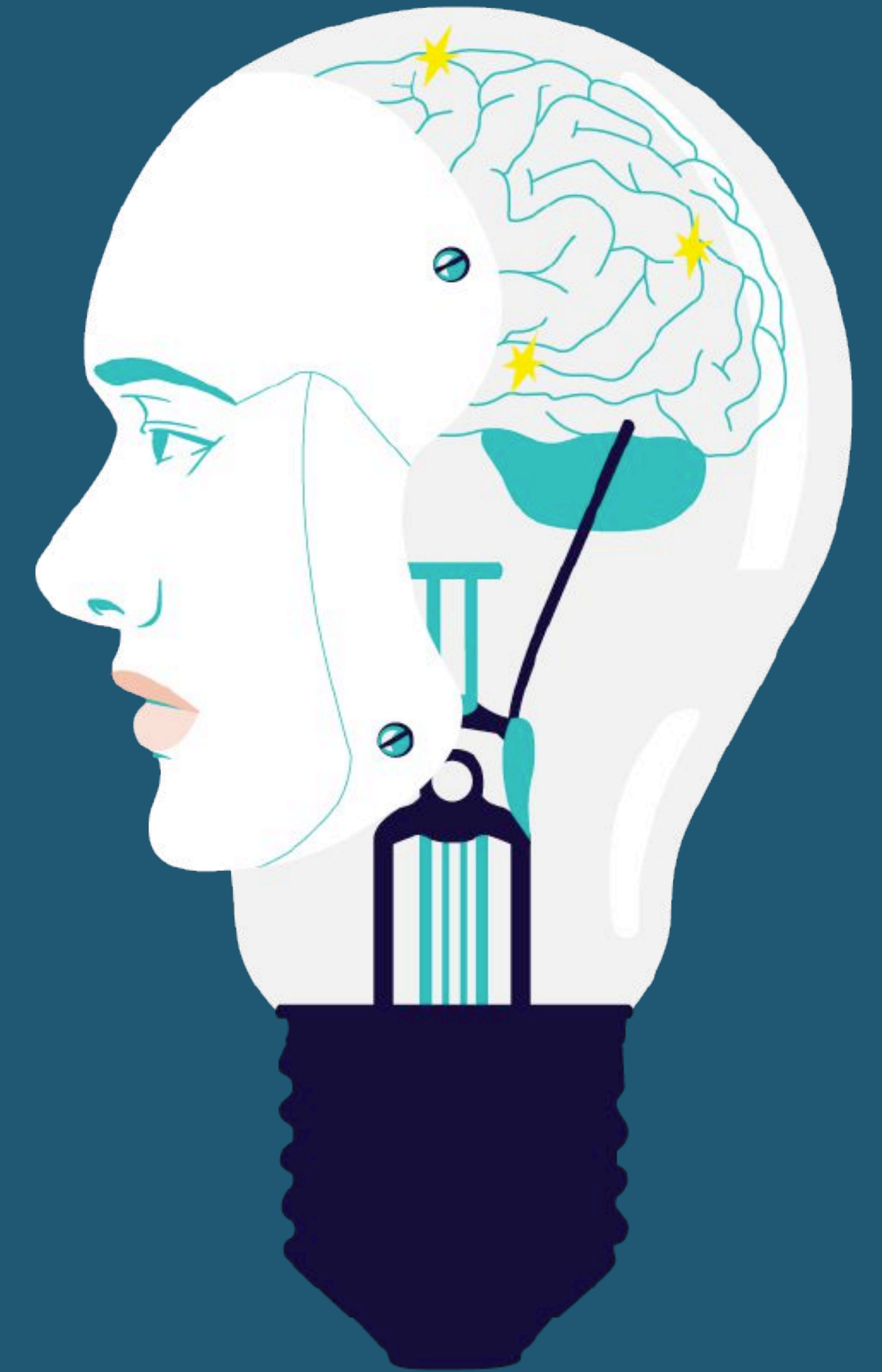
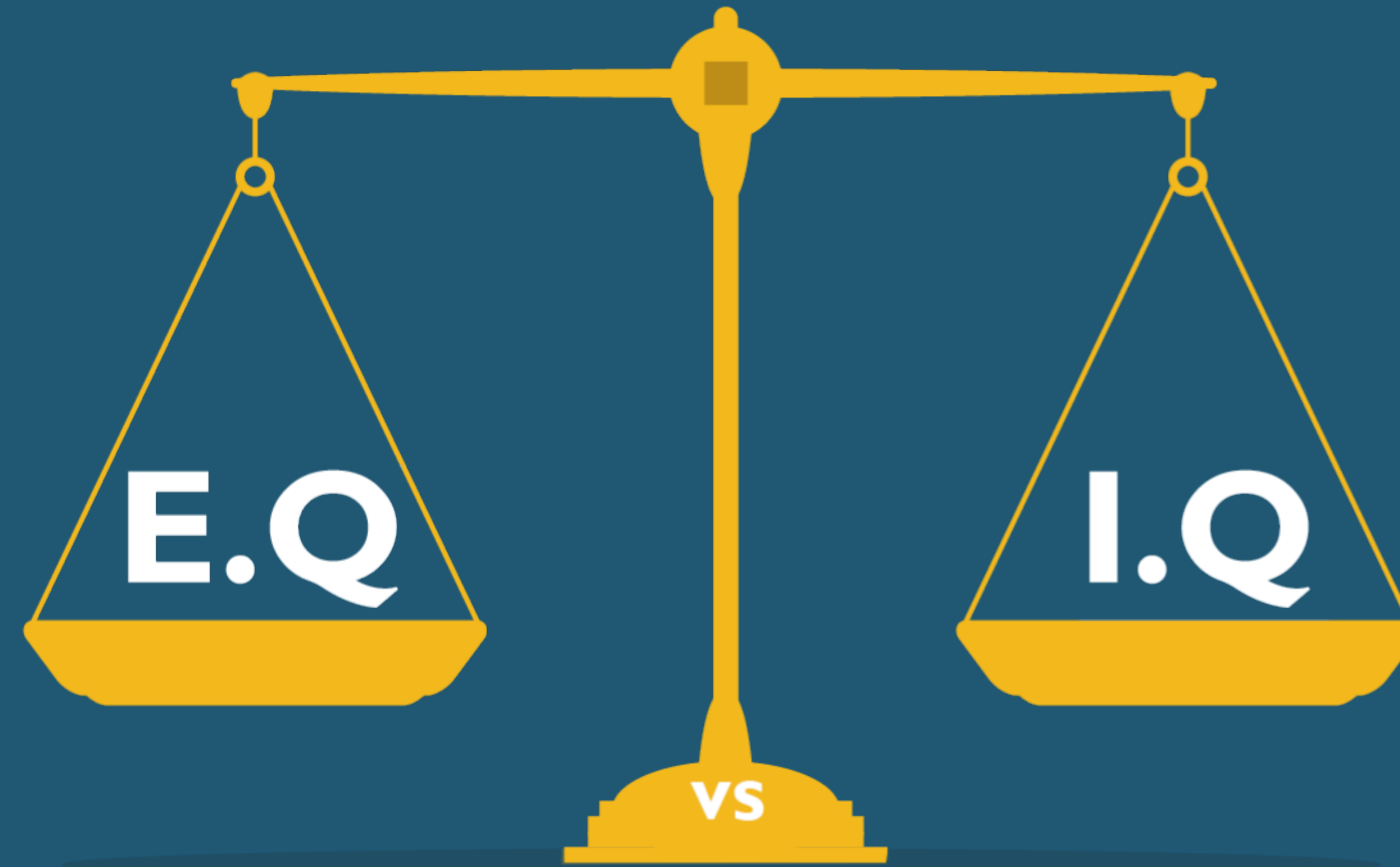
The Future of Education: Awesome Humans + Amazing Science & Technology



2020

- 1 Complex Problem Solving
- 2 **Critical Thinking**
- 3 **Creativity**
- 4 People Management
- 5 Coordinating with Others
- 6 **Emotional Intelligence**
- 7 Judgement and Decision Making
- 8 Service Orientation
- 9 Negotiation
- 10 **Cognitive Flexibility**

Invest as much in HUMANITY as you invest in TECHNOLOGY!





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THANK YOU FOR YOUR TIME

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