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Interactive Central & Eastern Europe

Technology and Humanity – the next 10 years

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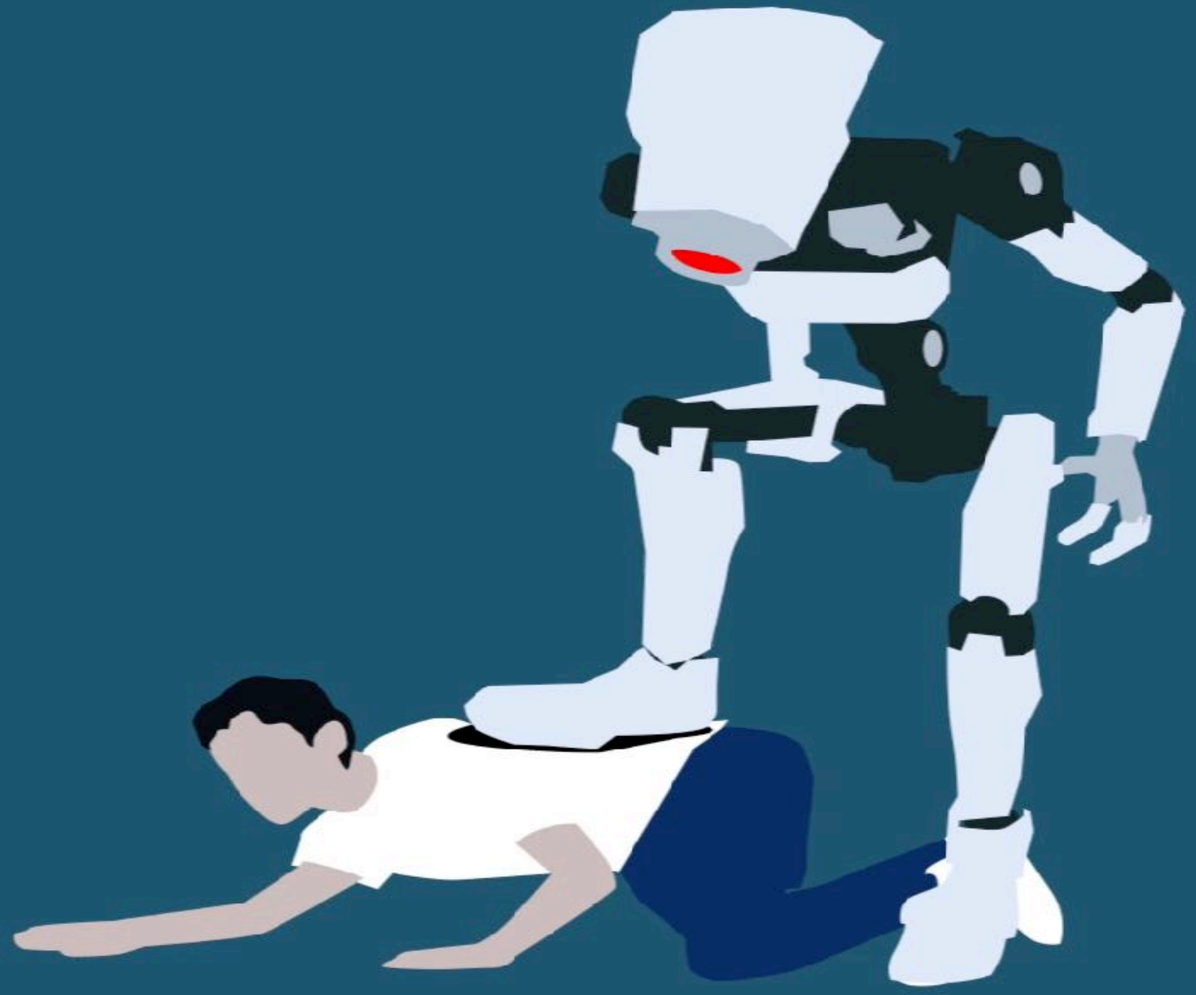
The future will be awesome . . .

Gerd

. . . provided that we can keep our priorities straight



TEAM ROBOT

Gerd

. . . provided that we can keep our priorities straight

TEAM HUMAN

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The rapidly increasing human–machine symbiosis is our #1 challenge|opportunity

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Our world will change more in the next 20 years than the previous 300 years

With increased power comes increased responsibility: how far should we take this?

Gerd

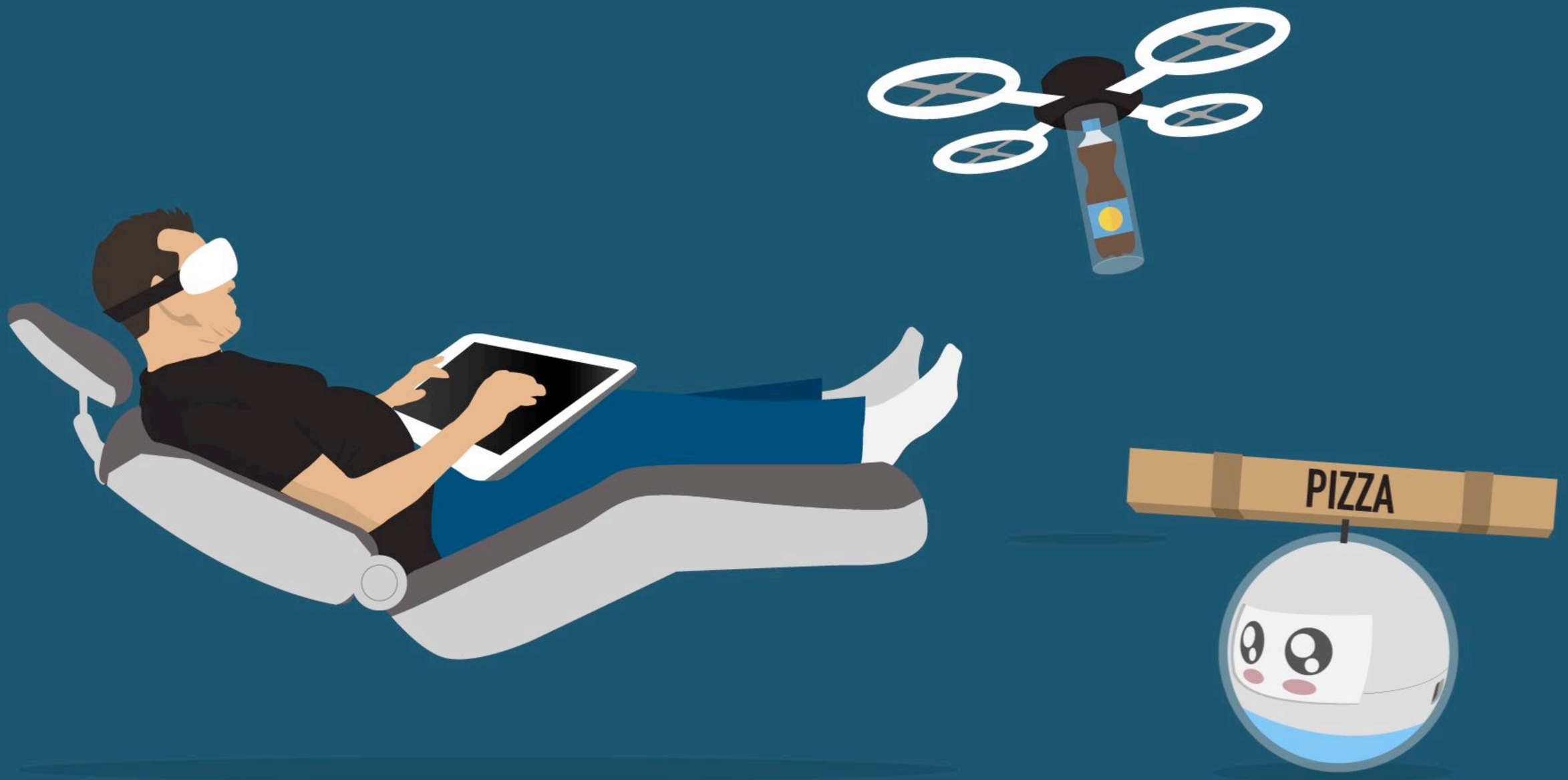
Becoming super-human will very likely mean to become… a machine

Gerd

Humanly sustainable?

Gerd

Humanly sustainable?



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Humanly sustainable?

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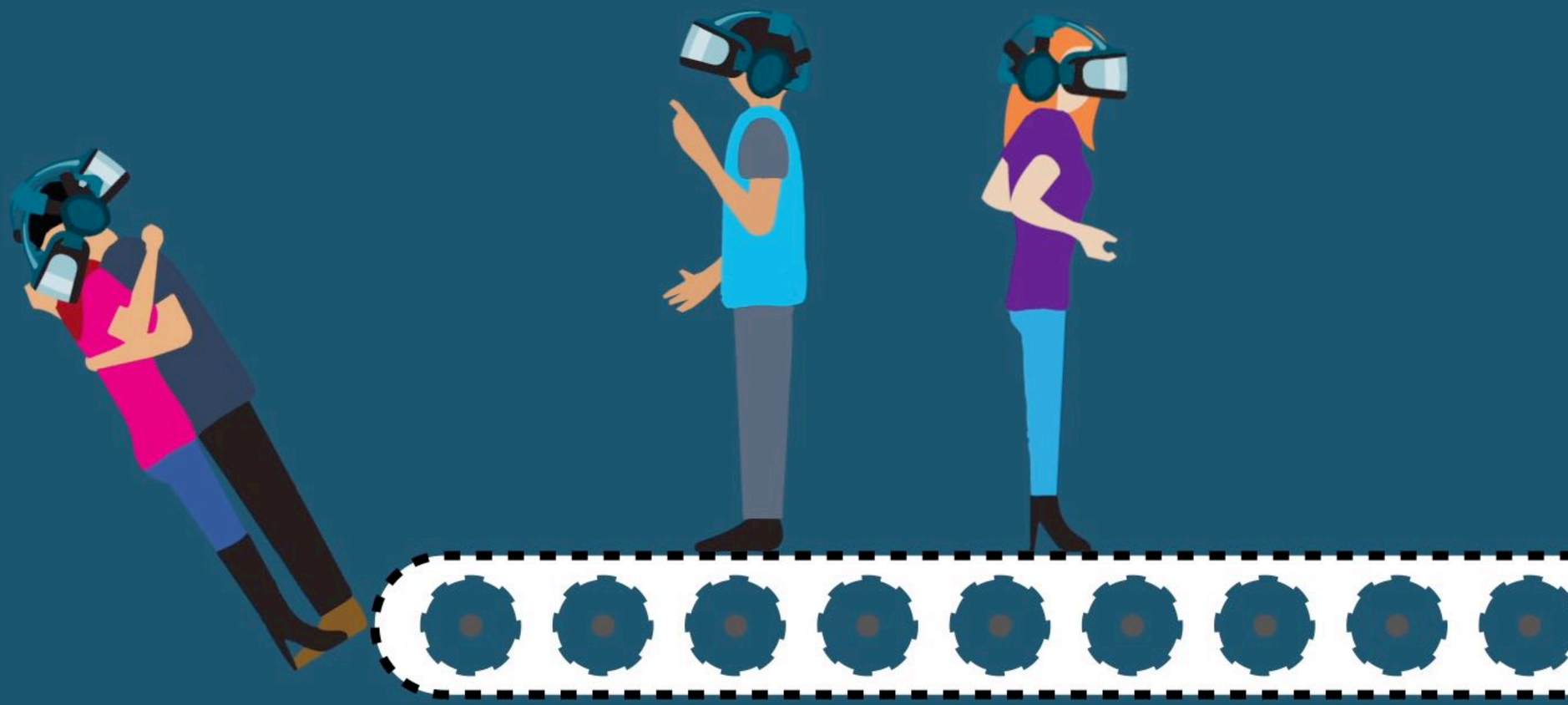

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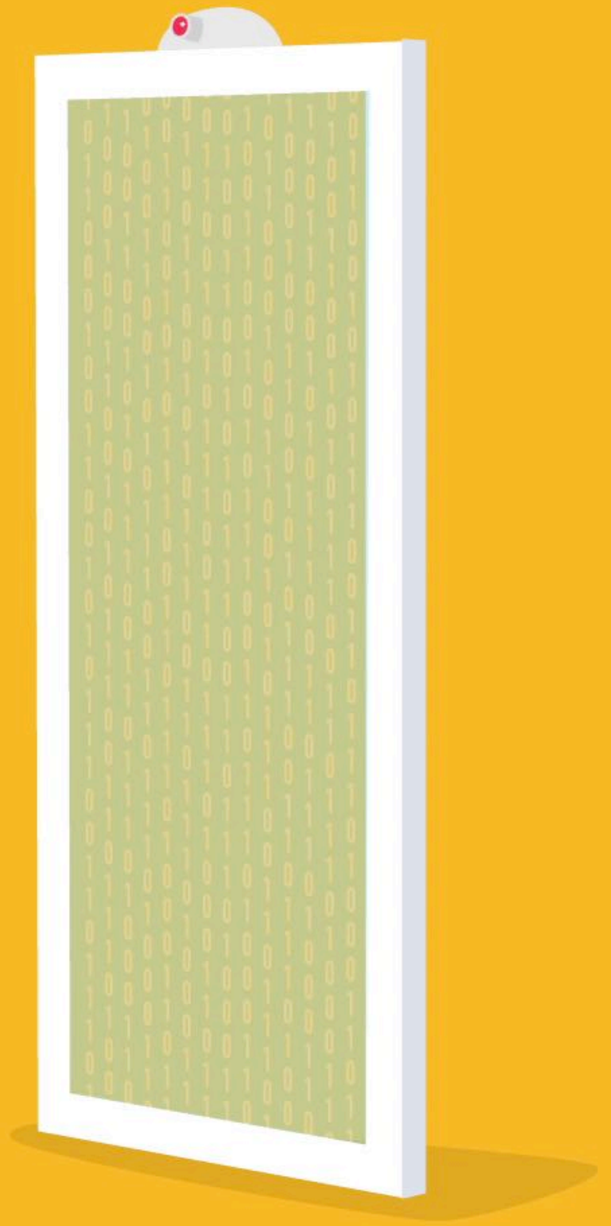
Humanly sustainable?



Humanly sustainable?

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EFFICIENCY

SECURITY

SUPER
INTELLIGENCE

FREEDOM

PRIVACY

HAPPINESS

Technology is not what we seek, but how we seek

POSITIVITY **E**NGAGEMENT **R**ELATIONSHIPS **M**EANING **A**CCOMPLISHMENT

Via Martin Seligman Positive Psychology / PERMA

Gêrd

Machines don’t do relationships!

TECHNOLOGY HAS NO ETHICS

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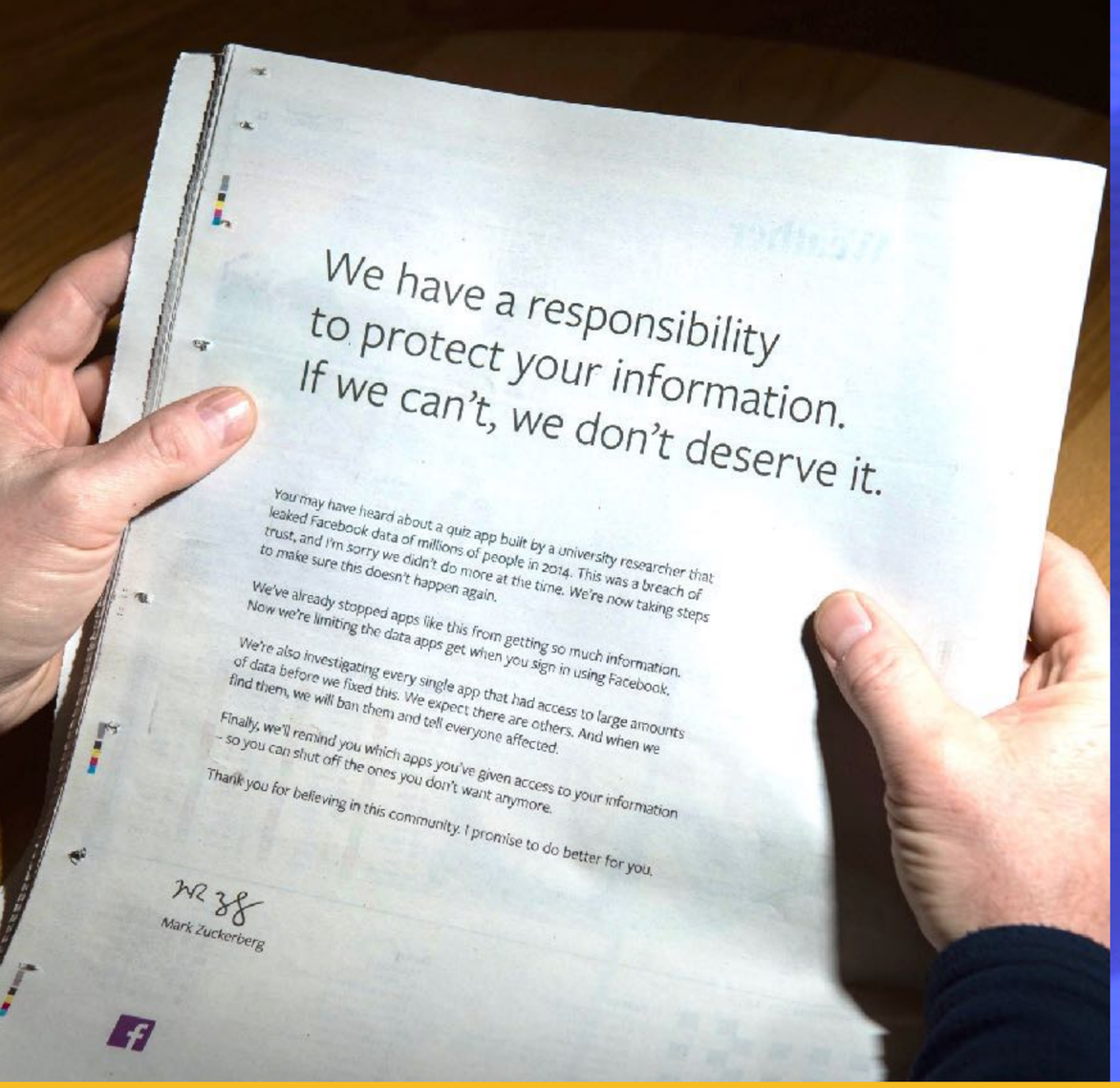
fix
fakebook



"Ethics is knowing the difference between what you have a right (or the power) to do and what is the right thing to do"

adapted from Potter Stewart

Gerd

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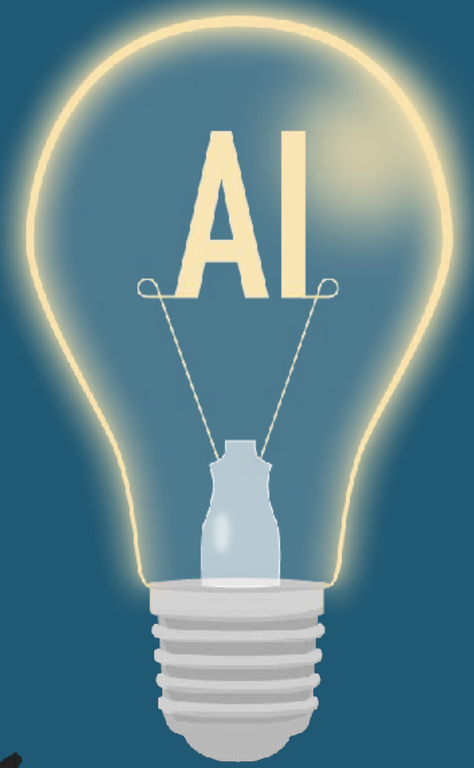
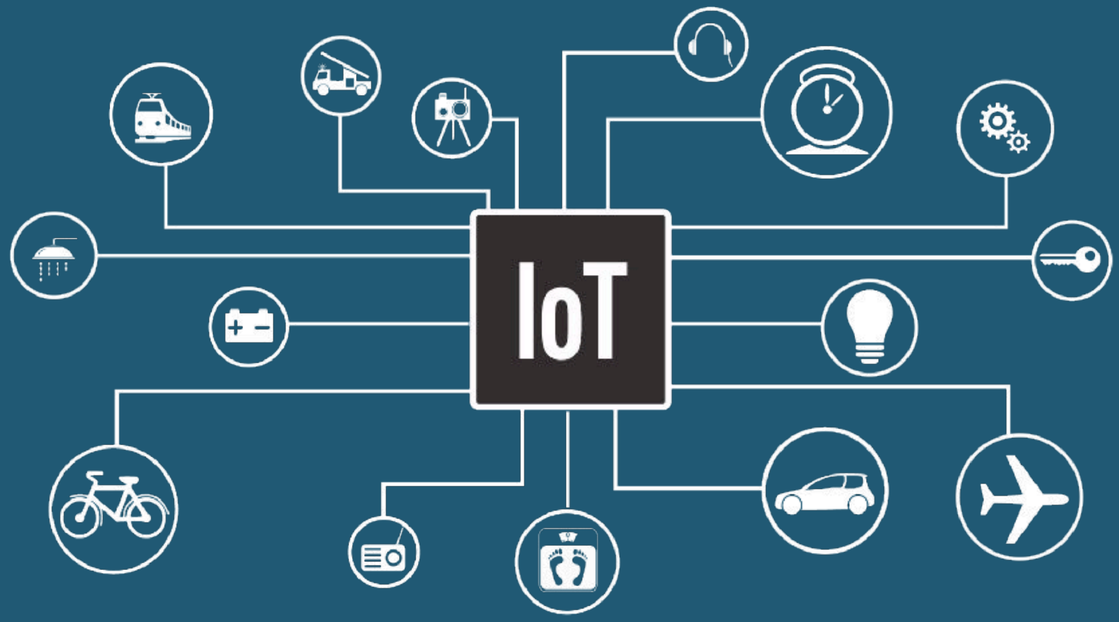
SENSEVIDEO
2017-03-28 TUE 09:54:58
Camera 1
Vehicle 23
Cyclist 41
Ped 29
Alarm 0
50
25
0
Vehicle Image
Pedestrain
Attributes
Regions
White
Adult
Trousers
Cyclist
White
Car
Car
Gray
Van
Cyclist
Adult
ShortSleeve
Gray
Van
Gray
Van
Gray
Van
Gray
Van
Cyclist
Male
Adult
Cyclist
Trousers
ShortSleeve
Black
Car
Adult
Cyclist
Blue
Big truck
Cyclist
Red
Car
Blue
Car
White
SUV
Car
SENSETIME | 商汤科技

Data is the new Oil. AI is the new electricity. The IoT is the new nervous system.





A €62 Trillion temptation: building an algorithmic society

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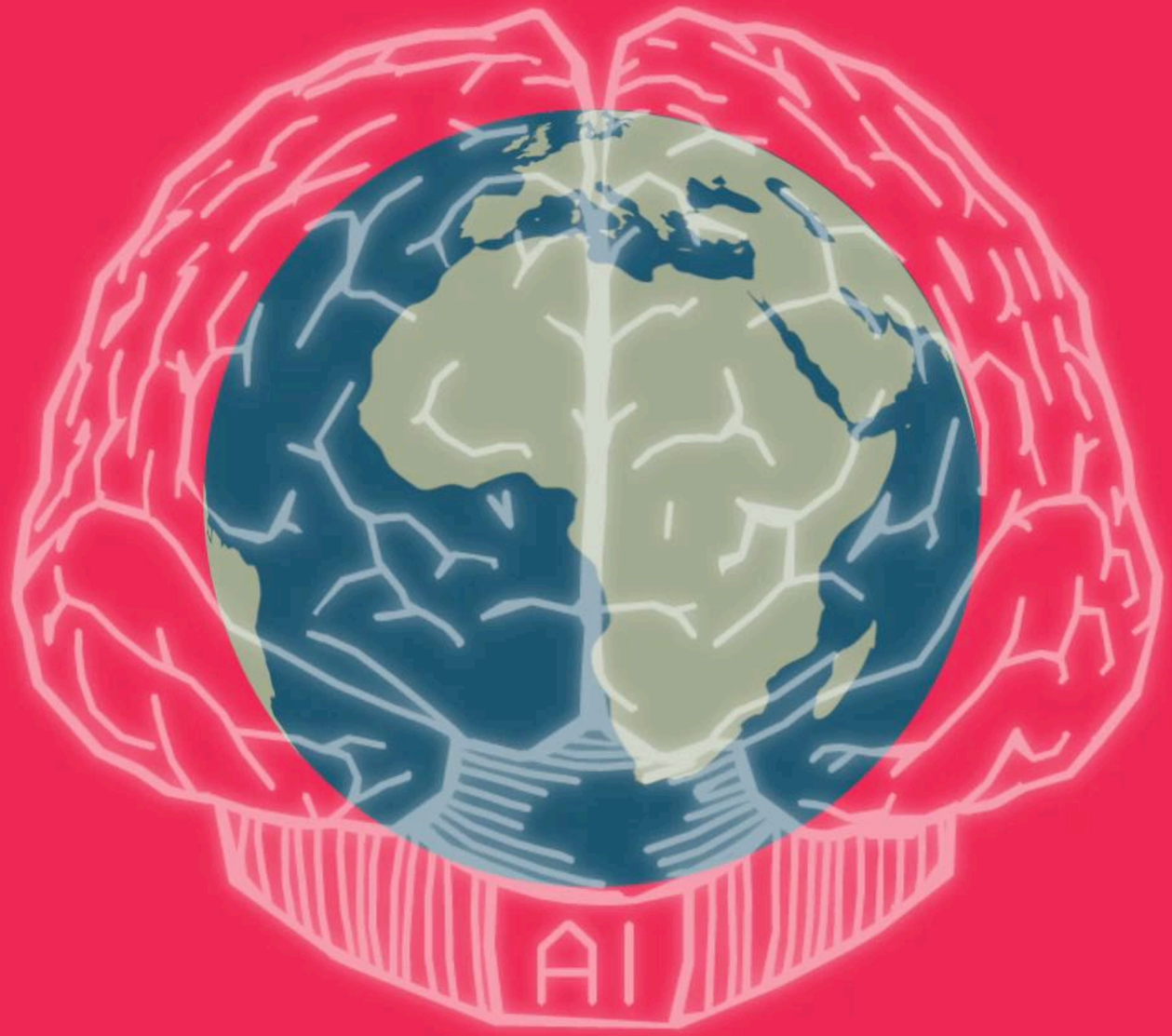
Doable… profitable…but…desirable?



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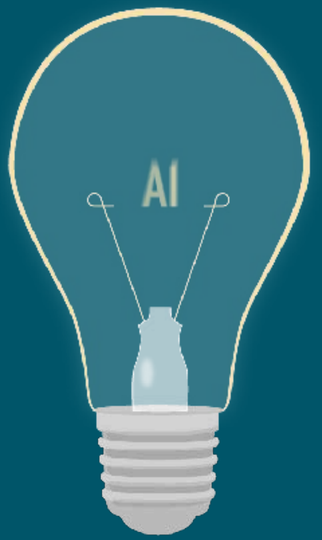
Public / Private Internet Companies, Ranked by Market Valuation (5/29/18)

Rank 2018	Company	Region	Market Value ($B) 2013	2018
1)	Apple	USA	$418	$924
2)	Amazon	USA	121	783
3)	Microsoft	USA	291	753
4)	Google / Alphabet	USA	288	739
5)	Facebook	USA	56	538
6)	Alibaba	China	--	509
7)	Tencent	China	71	483
8)	Netflix	USA	13	152
9)	Ant Financial	China	--	150
10)	eBay + PayPal*	USA	71	133
11)	Booking Holdings	USA	41	100
12)	Salesforce.com	USA	25	94
13)	Baidu	China	34	84
14)	Xiaomi	China	--	75
15)	Uber	USA	--	72
16)	Didi Chuxing	China	--	56
17)	JD.com	China	--	52
18)	Airbnb	USA	--	31
19)	Meituan-Dianping	China	--	30
20)	Toutiao	China	--	30
		Total	$1,429	$5,788

Source: Mary Meeker KPCB
2018 Internet Stats



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The more connected we become, the more we must strengthen our ethics, social contracts, regulations…

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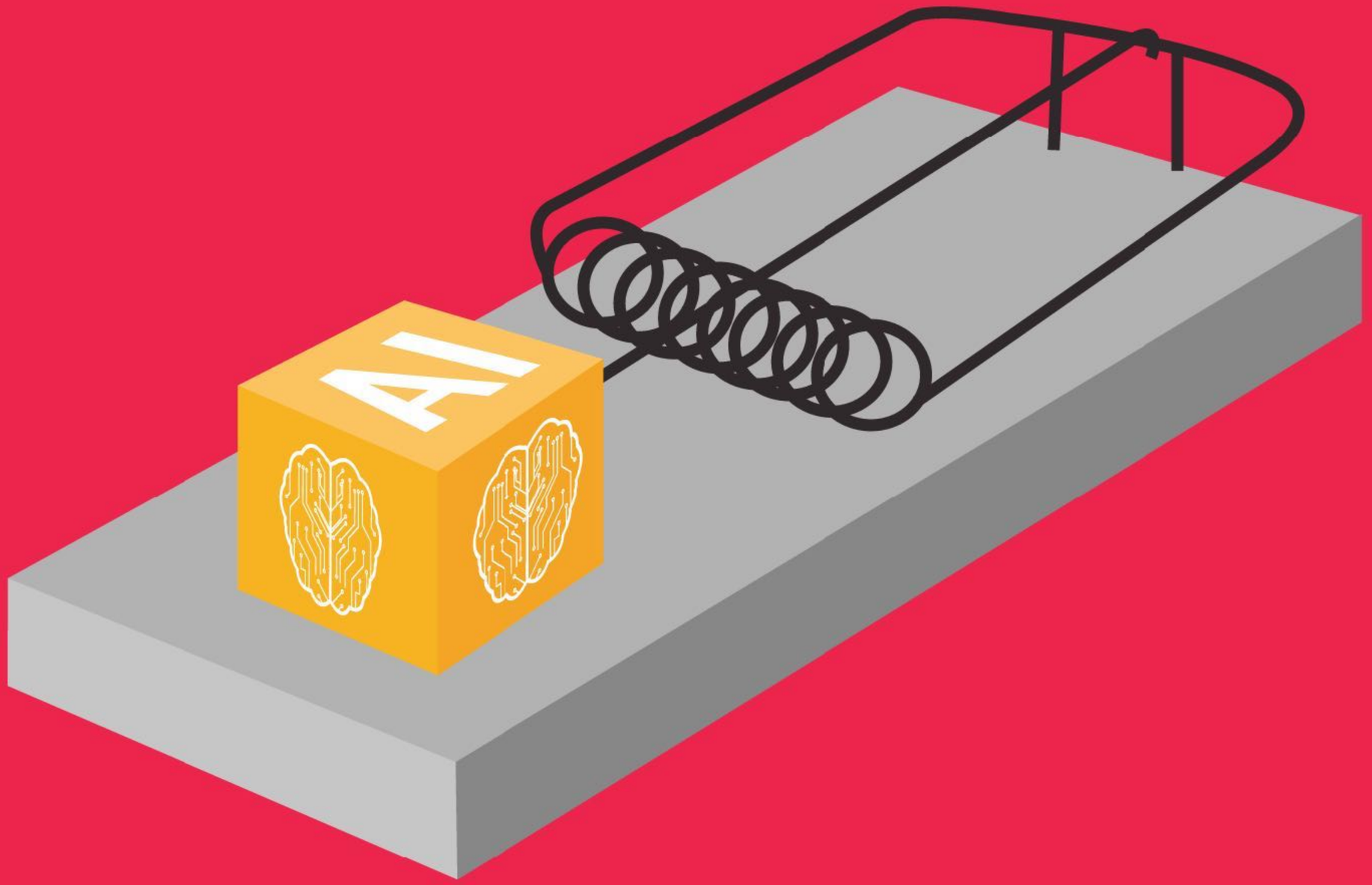
“Take X and add AI”



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Technology is exponential but humans are not

1 2 4 8 16 32 64 128

Welcome to hellven!

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Defining a sustainable balance between technology and humanity is the key to our future

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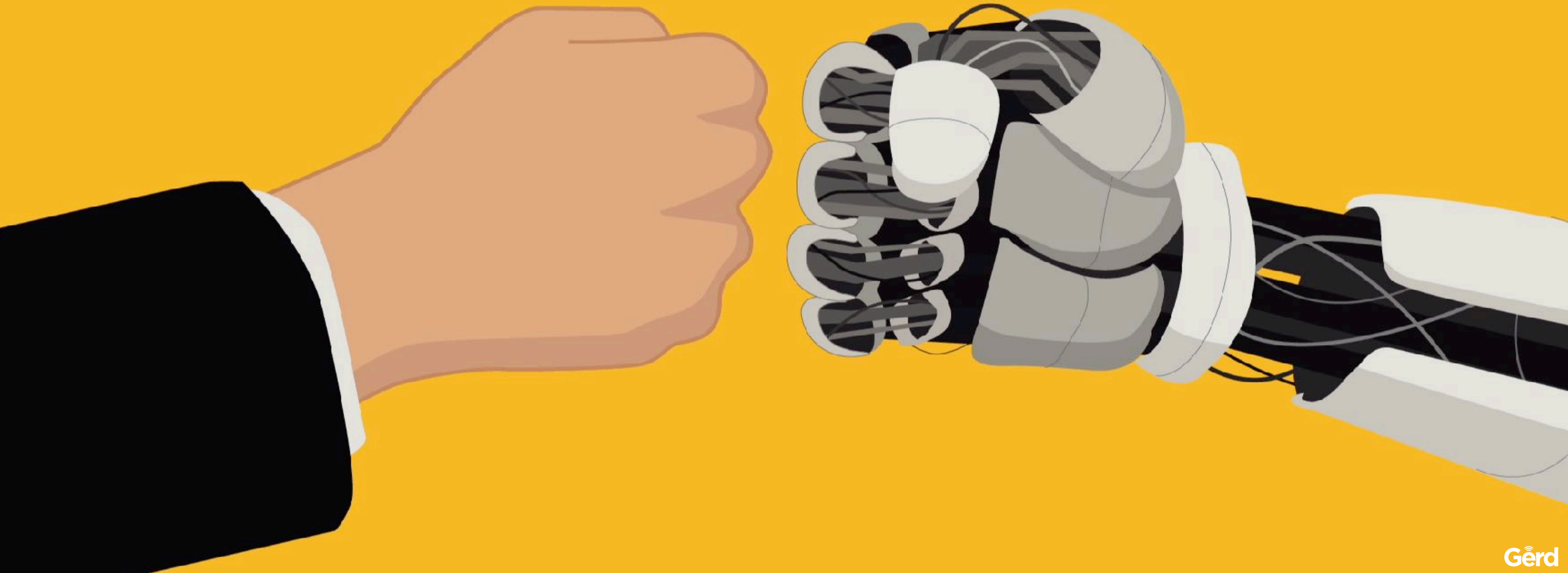

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Technology is a great servant but a terrible master

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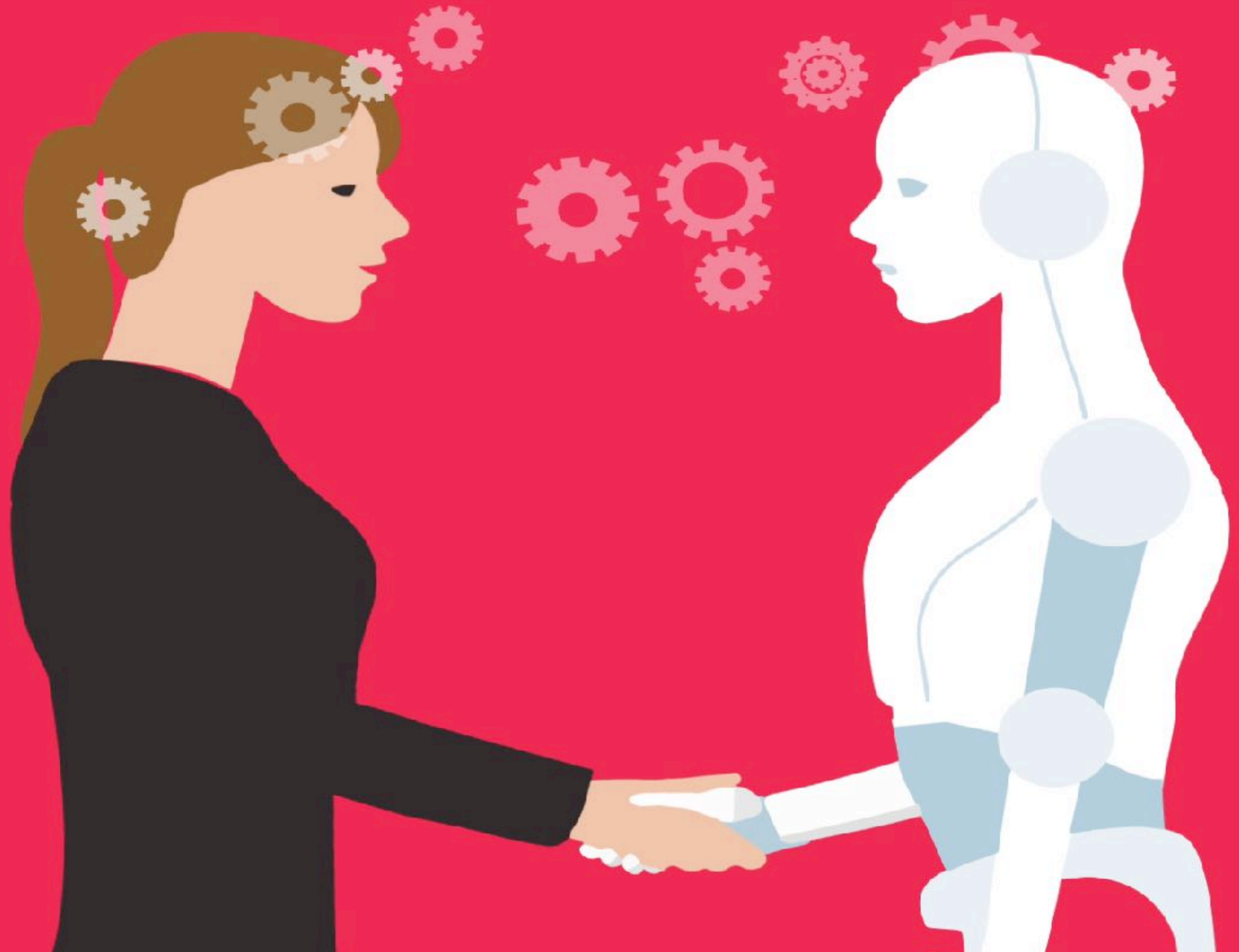
Intelligent machines will change our world more than any other invention in human history



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It's no longer (just) about knowledge – it's about understanding, imagination, wisdom

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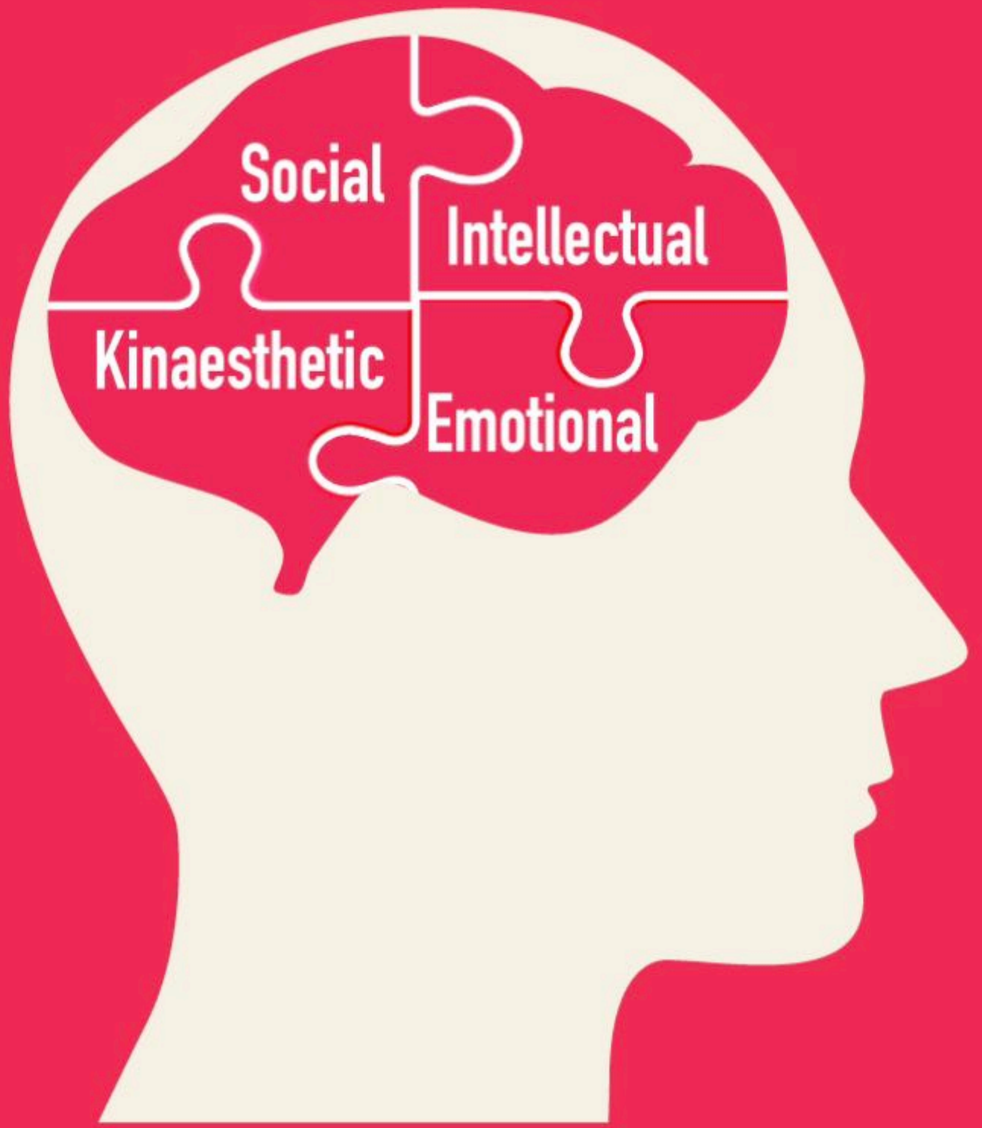
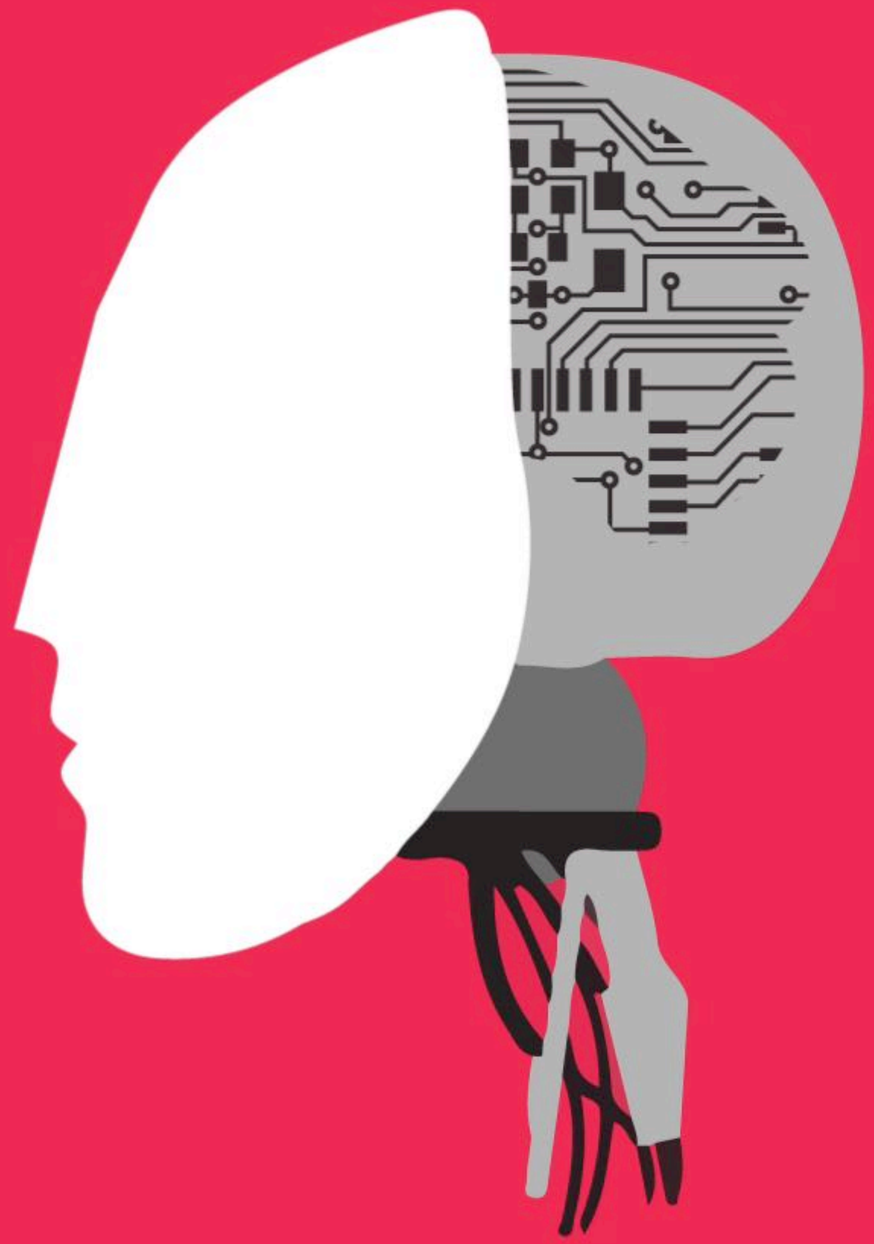
But: Human intelligence and machine ‘smartness’ are 2 entirely different things





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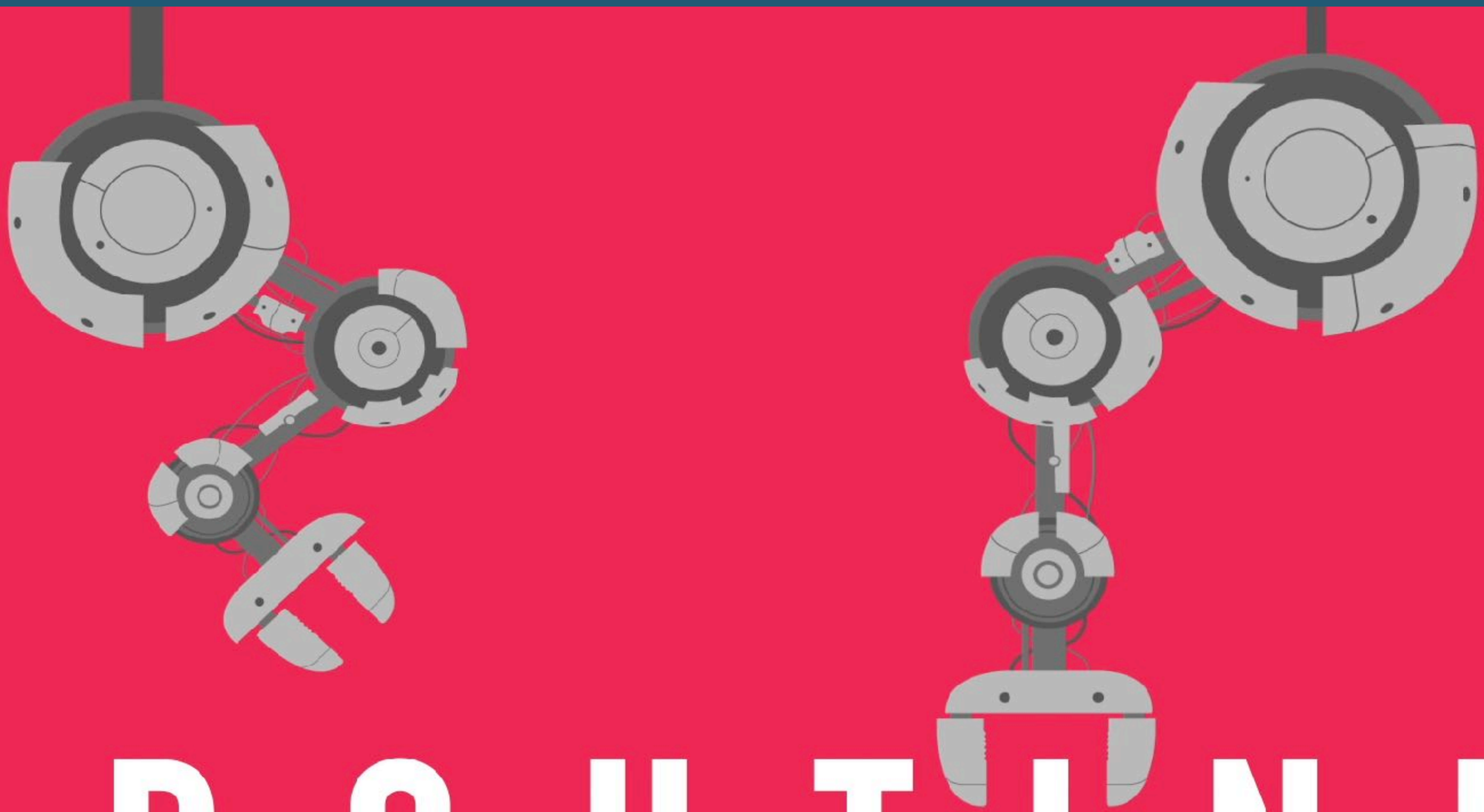
The end of routine is coming: the imminent redefinition of work, education and economic logic



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But the end of routine will not make us useless!

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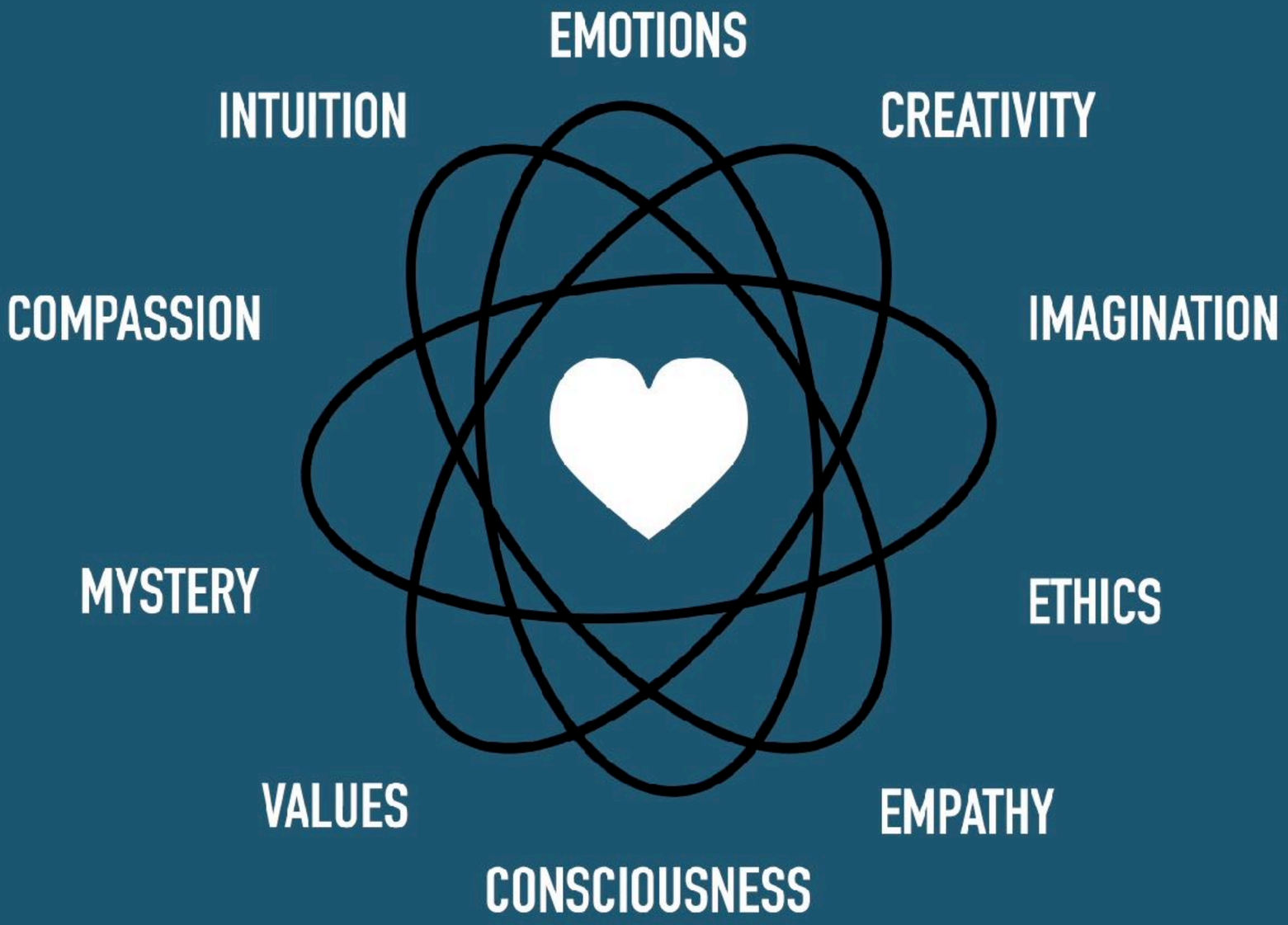
. . .because anything that cannot be digitized or automated will become even more valuable



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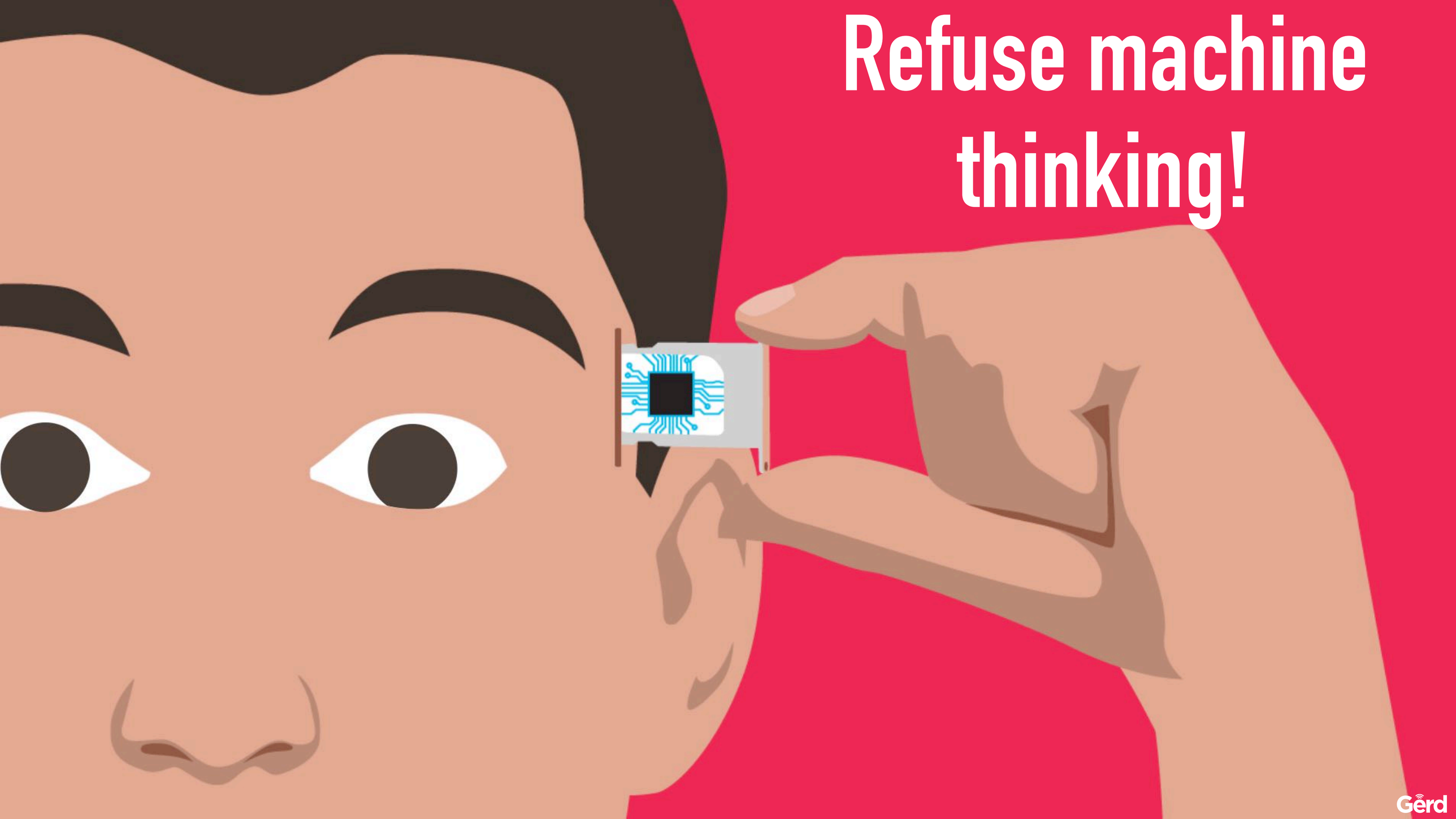
Refuse machine thinking!
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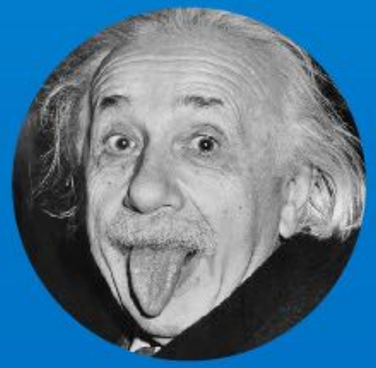
The future: awesome humans on-top of magic technology

COMPUTERS ARE
incredibly fast, accurate and stupid.
HUMAN BEINGS ARE
incredibly slow, inaccurate, and brilliant.

TOGETHER THEY ARE POWERFUL BEYOND IMAGINATION.



- Albert Einstein

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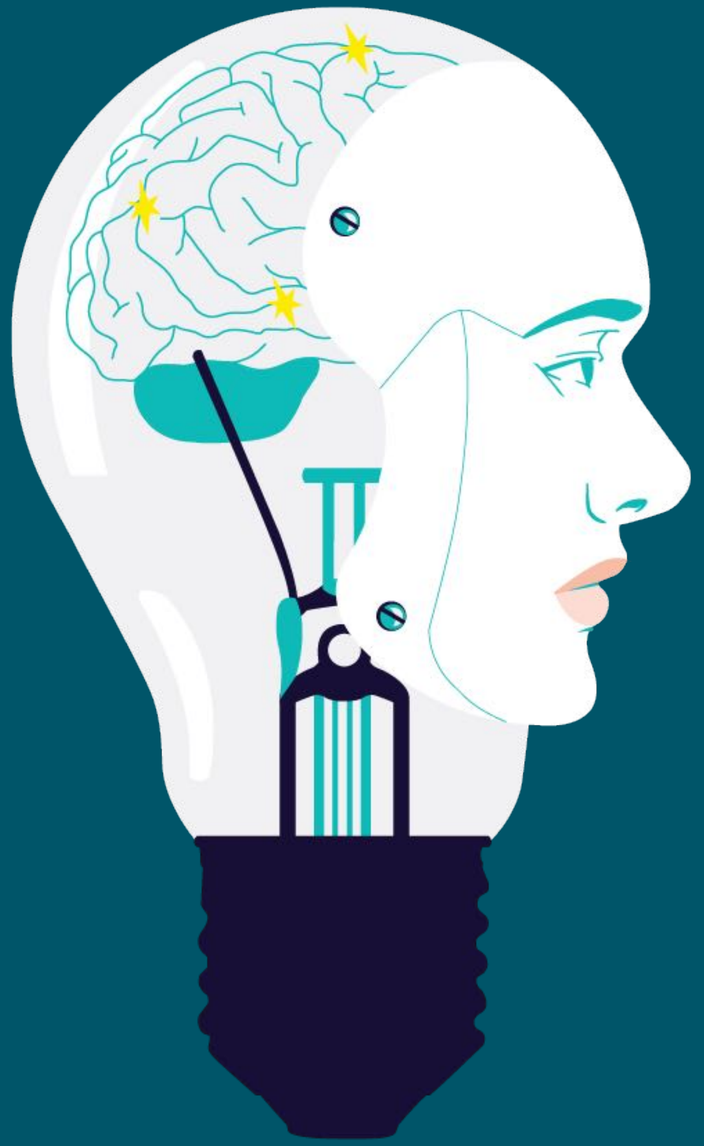
Embrace technology but don't become it!



human inside

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