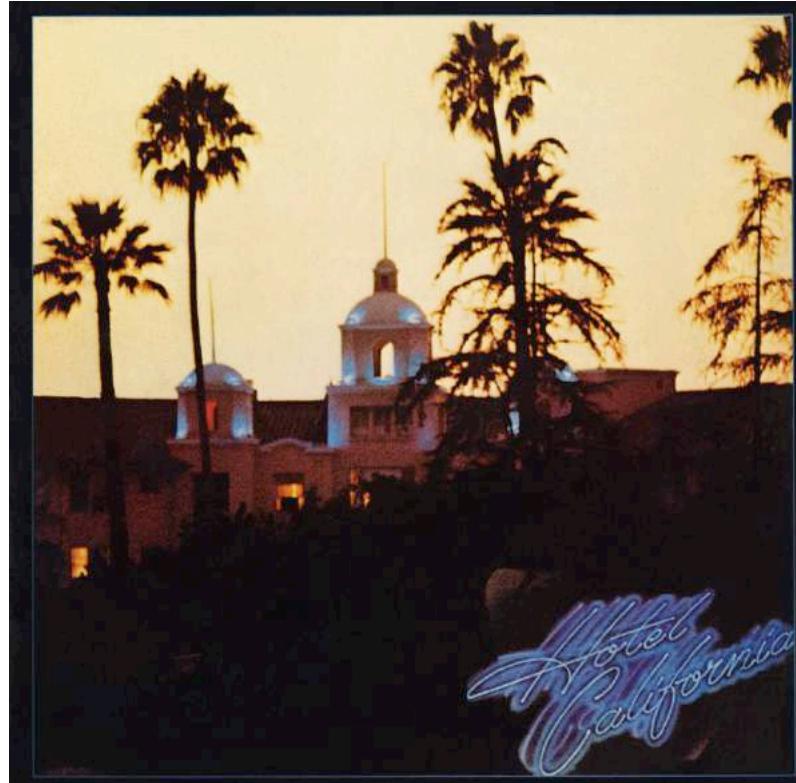


Ist nur noch die Immobilie analog?

Manuel P. Nappo, Director Institute for Digital Business HWZ



Twittern Sie live?

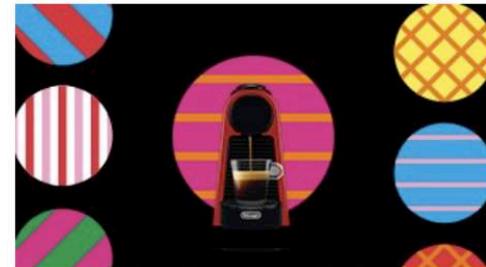
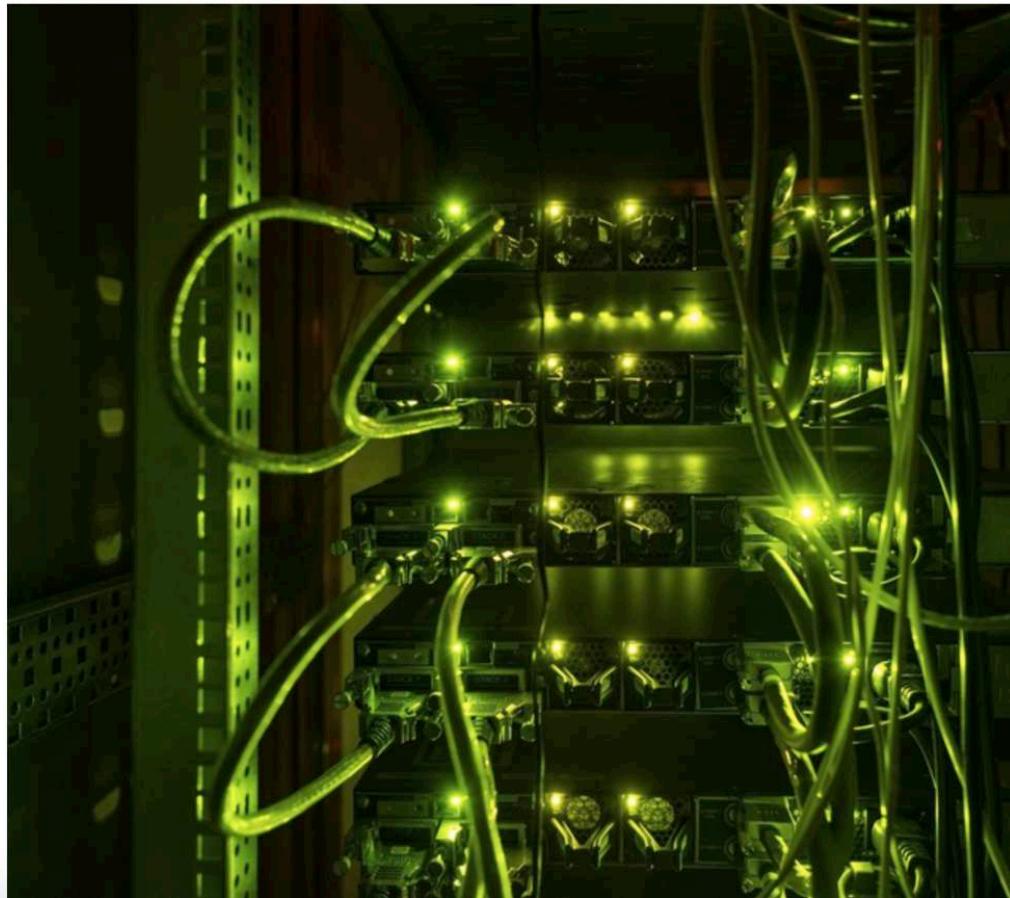
Ich bin @manuelnappo



2017

Digitalisierung? Interessiert uns nicht

60 Prozent der Schweizer Firmen glauben, dass digitale Technologien kaum Folgen für ihr Geschäft haben werden. Haben sie recht, oder verschlafen sie die Zukunft?



Jede Tasse eine Freude

Fr. 100- Nespresso Kapseln geschenkt, verteilt auf die nächsten drei Kaffeebestellungen. [Mehr ..](#)

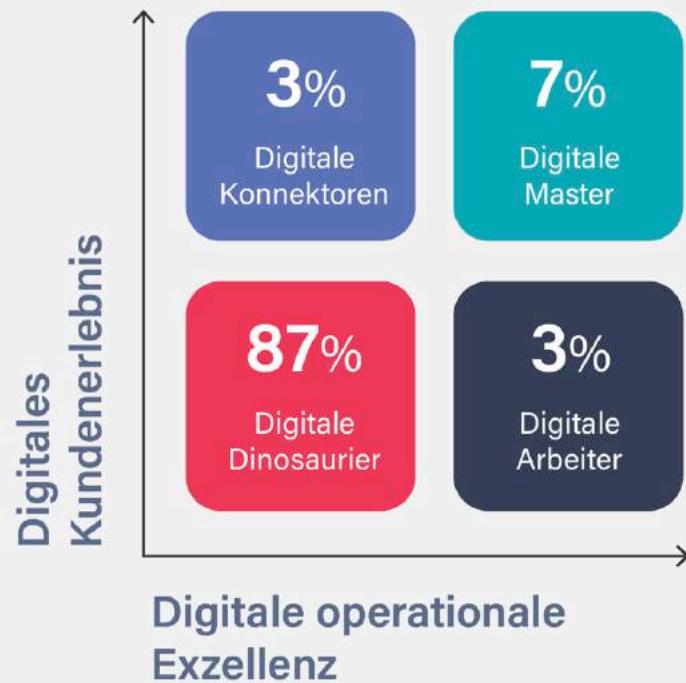
Anzeige

Artikel zum Thema

Digitalisierung schafft laut Bundesrat mehr Jobs



Digitaler Reifegrad der Unternehmen in der Schweiz



Exponentielle Technologien

Die letzten 10'000 Jahren



Bild: Aliexpress.com

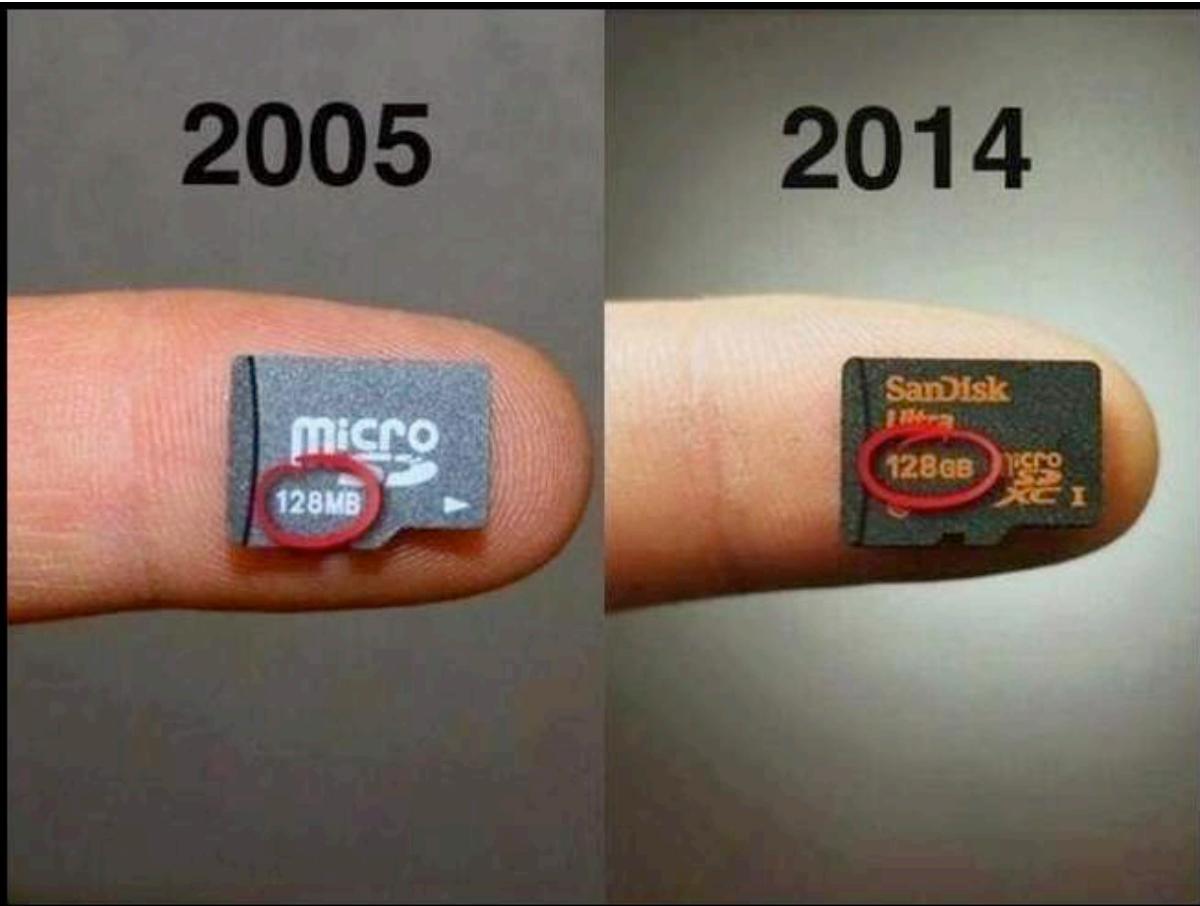
Die nächsten 10'000 Jahren



Supercomputing



5 Megabytes... \$120,000



Linear vs Exponentiell



30 Lineare Schritte = 30 Meter

30 Exponentielle Schritte = 1'073'741'824 Meter



Moore's Law

The accelerating pace of change ...

Agricultural Revolution → 8,000 years → Industrial Revolution → 120 years → Light-bulb → 90 years → Moon landing

→ 22 years → World Wide Web → 9 years → Human genome sequenced

10^{26} ← Surpasses brainpower equivalent to that of all human brains combined

10^{20} ← Surpasses brainpower of human in 2023



10^{15} ← Surpasses brainpower of mouse in 2015



COMPUTER RANKINGS

By calculations per second per \$1,000

Analytical engine
Never fully built, Charles Babbage's invention was designed to solve computational and logical problems



1900

1920

1940

1960

1980

2000

2020

2045



Colossus

The electronic computer, with 1,500 vacuum tubes, helped the British crack German codes during WW II



UNIVAC I

The first commercially marketed computer, used to tabulate the U.S. Census, occupied 943 cu. ft.

Hollerith Tabulator
IBM Tabulator
National Ellis 3000
Zuse 2
ENIAC
BINAC
Whirlwind
EDVAC
IBM SSEC
IBM 1620
DEC PDP-4
DEC PDP-10
Intel 8008
Data General Nova
IBM 1130
Datamatic 1000
Intel 8080
Compaq Desklpro 386



Apple II

At a price of \$1,298, the compact machine was one of the first massively popular personal computers

IBM PC
Pentium II PC
Pentium III PC
Power Mac G4
Nvidia Tesla GPU & PC
Mac Pro
Dell Dimension 8400

Nvidia Tesla GPU & PC
Mac Pro
Dell Dimension 8400

100,000 ←

10,000,000,000 ←

10^{20} ←

10^{26} ←

Moore's Law Live



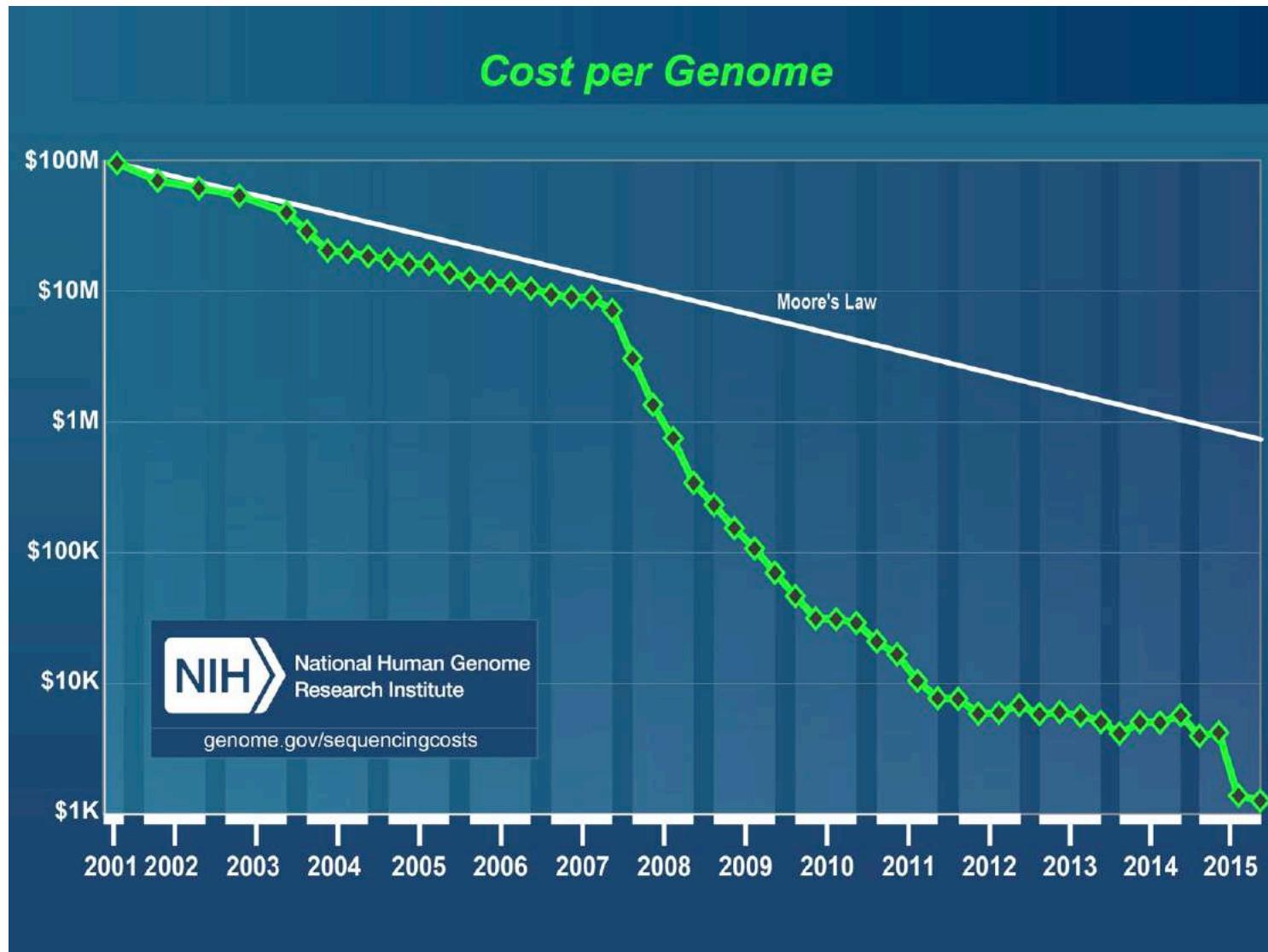
Beat Takeshi in
Takeshi's Challenge (1986)



Beat Takeshi in
Yakuza 6 (2016)

Bild: Reddit.com

Kosten pro Genom



Vernetzte Menschen

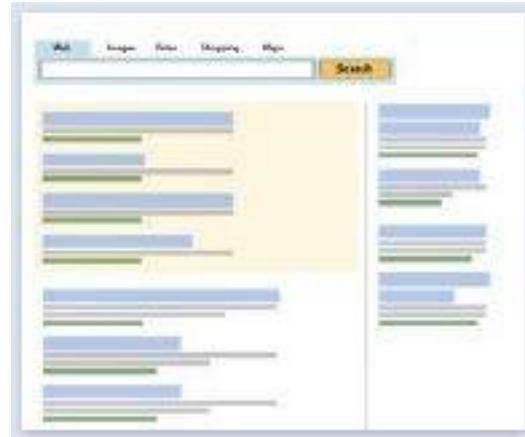
Die Fernbedienung des Lebens



Das Web wird um Menschen gebaut



Browsen



Suchen



Entdecken

90er

00er

10er

Social Media macht uns a-sozial



Chris Gunness
[@ChrisGunness](https://twitter.com/ChrisGunness)



No wonder this photo of #Rembrandt's #NightWatch has gone viral. It's a perfect metaphor for our age RT

10:35 PM - Jan 15, 2016

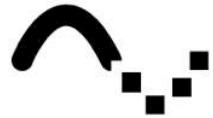
65 434 304

So hat man sich vor Social Media ignoriert



Ein paar weitere Gedanken

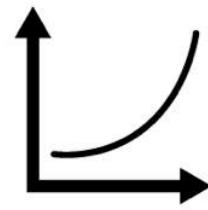
6D of Disruption



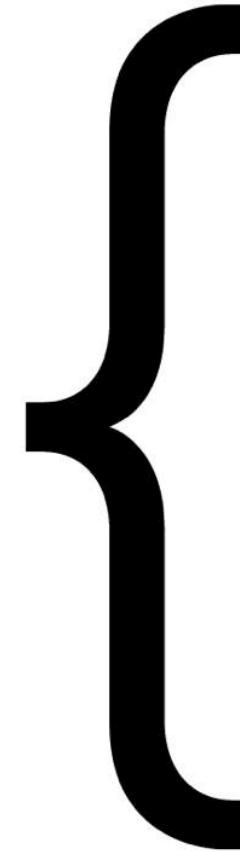
Digitization



Deceptive



Disruptive



Dematerialization



Demonetization

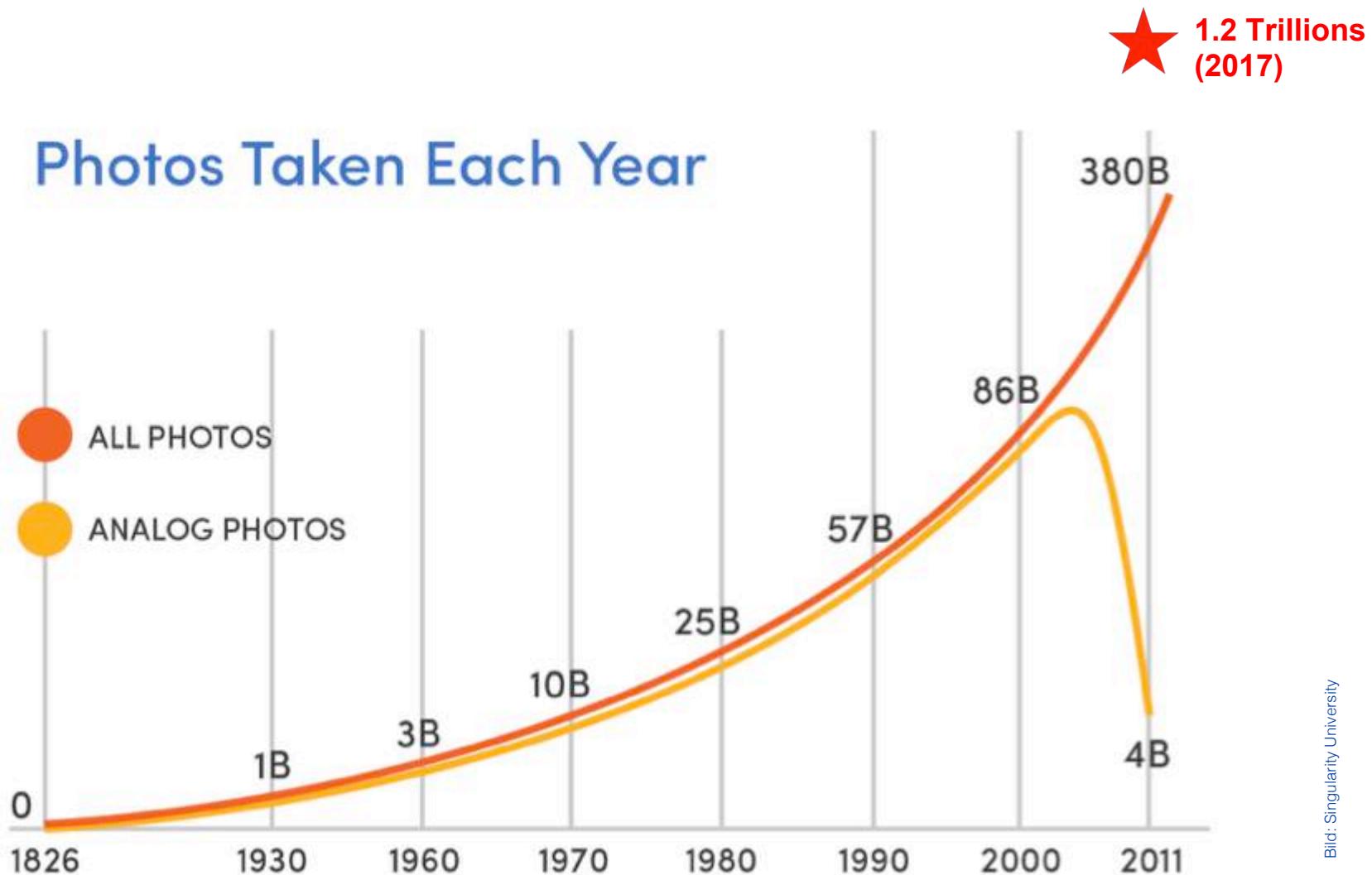


Democratization

Der Kodak Moment



Dumm gelaufen



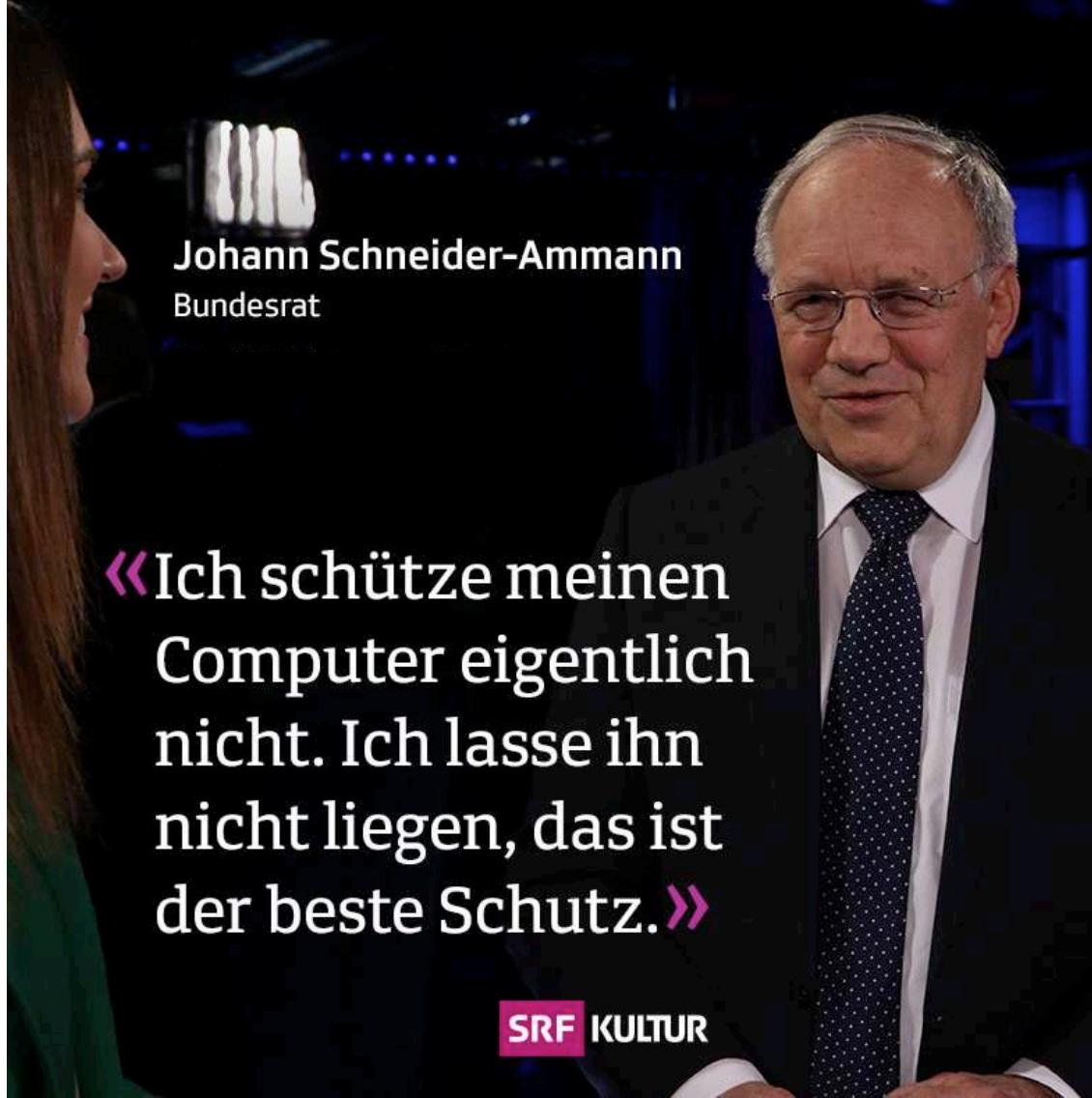
Unsere Mitbewerber



We don't just compete with our
competitors, but with every
great experience out there.

@briansolis

Cyber Security



Künstliche Intelligenz



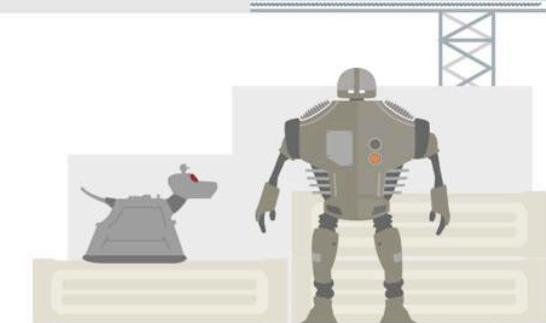
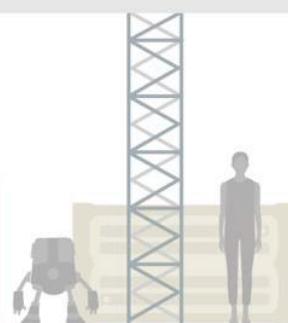
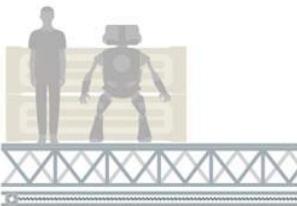
Wird Sie ein Roboter ersetzen?



I am a...

Can't find your job? [Browse the full list](#)

[Find out my automation risk >](#)



HWZ Digital Leaders Manifesto 2.0

**See the BIG PICTURE but FOCUS
FIRSTCLASS USER EXPERIENCE ÜBER ALLES
BUILD ECOSYSTEMS**

The best DEFENSE is a great OFFENSE

Never underestimate new or small players

Stay Curious & Have Fun

Promote a **Collaborative Environment**

Share Knowledge

Credits where Credits are due

Less YES, BUT... More YES, WHY NOT

Be more
Alfred

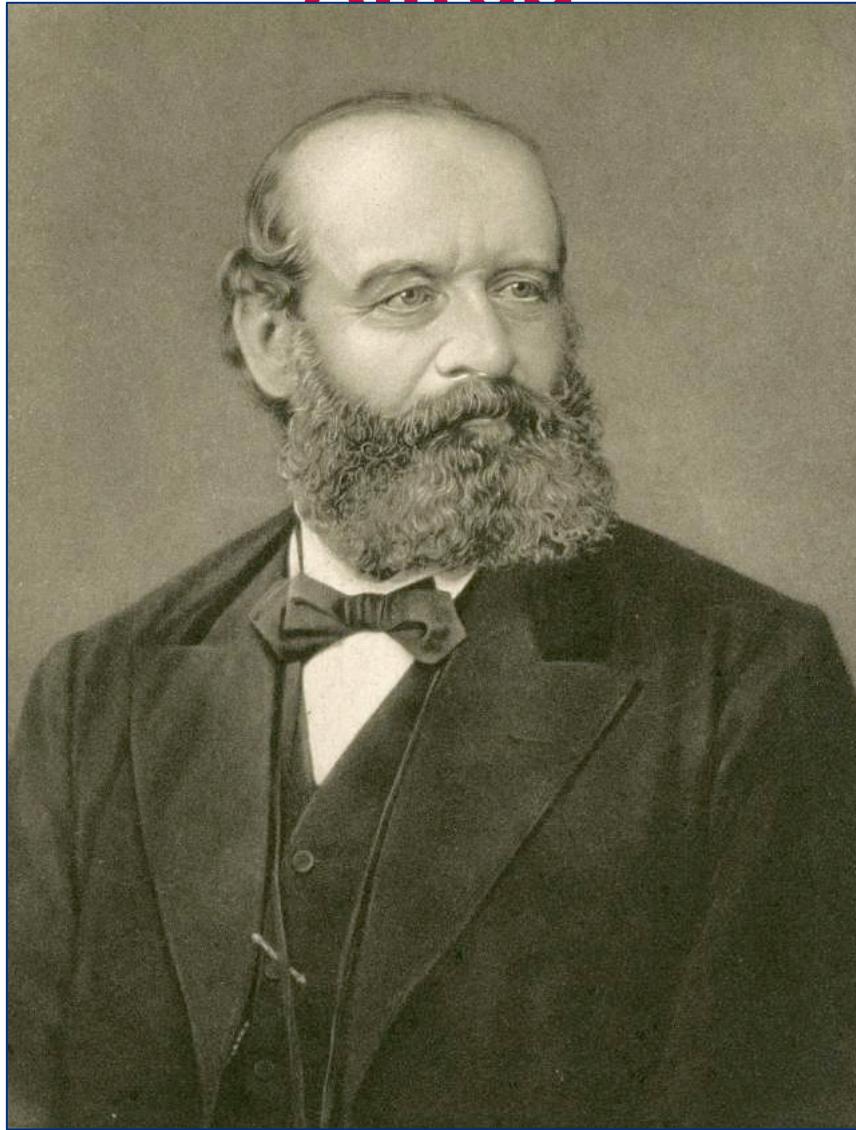


Bild: Wikipedia.com

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