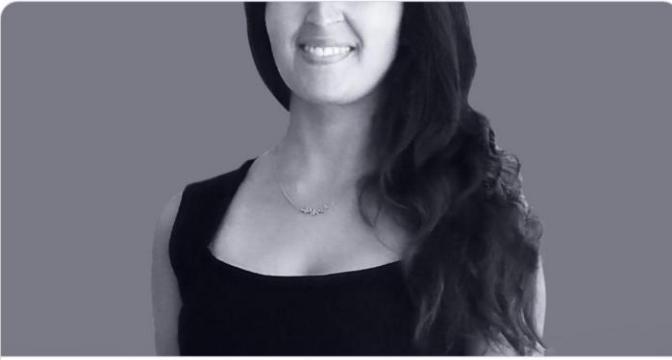


# Twitter Image Cropping

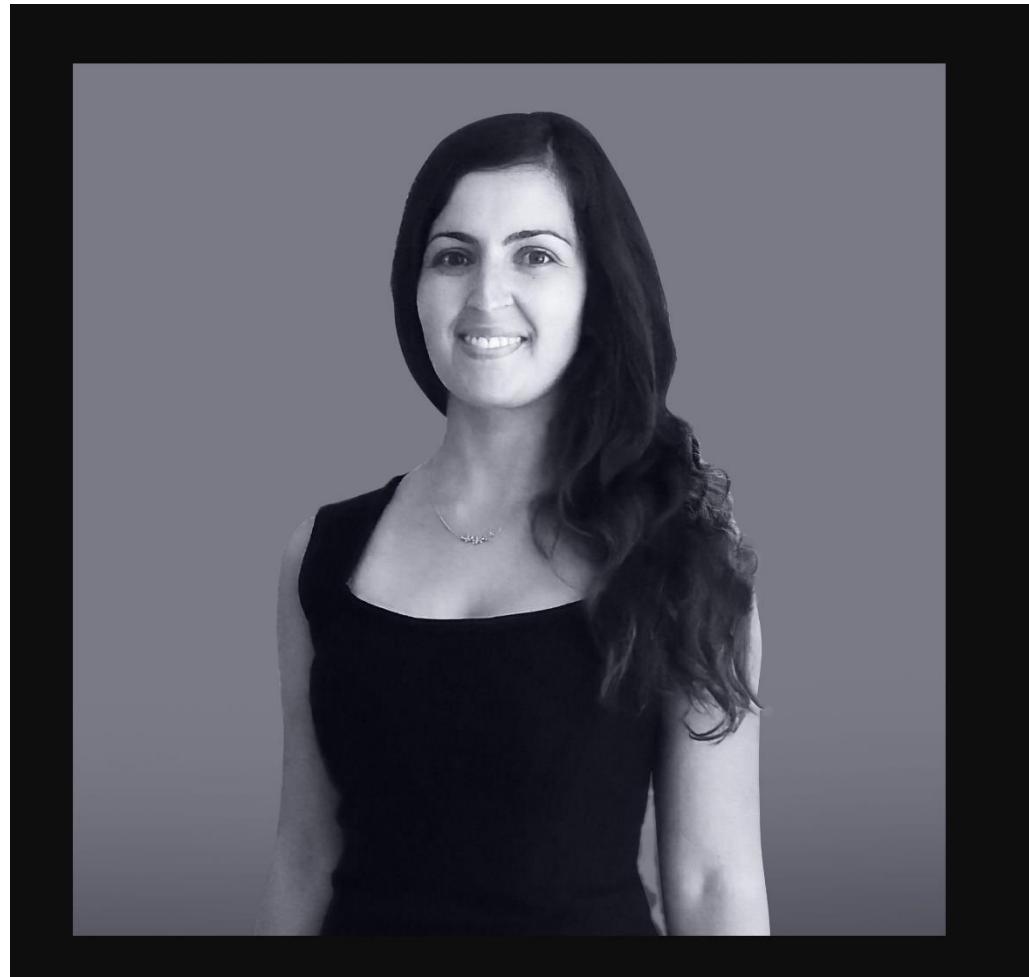
MIT Technology Review   
@techreview

Rebecca Saive found a way to make solar panels cheaper and more efficient. For her work, we named her to this year's 35 Innovators Under 35, our annual list of young innovators employing technology to make the world a better place.



Rebecca Saive  
The silver lines that crisscross the face of solar panels are essentially metal wires. They're necessary to channel the electric current flowing out of the cells, but ...  
[technologyreview.com](http://technologyreview.com)

5 83 177



# Jordan Peterson - Die beste Art, kritisches Denken ...



But the best thing you can do, is teach people  
to write.



# 9 Life Lessons - Tim Minchin UWA Address



Nine: Finally, don't rush. You don't need to know what you're going to do with the

# Video: Critical Thinking: Why, How Examples, 2020

## Critical Thinking in the Classroom

### Introduction

Education



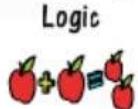
Multiple Uses



Beliefs



Deduction  
Reasoning



Logic

Analyze Information and make reasonable judgements

### Instruction

Educators should foster critical thinking in students



Intellectual  
Skepticism



Bloom's  
Taxonomy



Assessment  
Incorporation



Argument  
Analysis

### Definition

Evaluate Rational Skill Self-Regulatory



Critical Thinking has been defined in many ways

### Development

Student can develop critical thinking in several ways



Follow Evidence



Be Inquisitive



Metacognition

### Examples

Class  
Debates



Think Pair Share



Inventions

Riddles



Gap Fill-in



Create Cartoons

### Forms

Verbal  
Reasoning



Probabilistic Reasoning



Scientific  
Reasoning



Critical thinking may take on three different forms

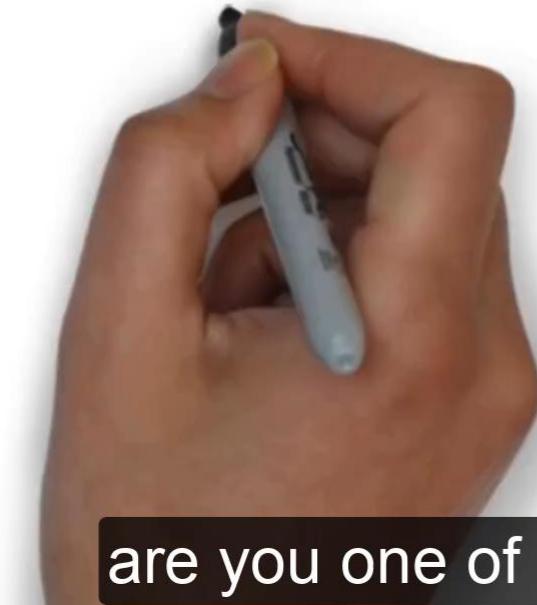
# 9 Life Lessons - Tim Minchin UWA Address



Five: Be hard on your opinions. A famous bon mot asserts opinions are like assholes in

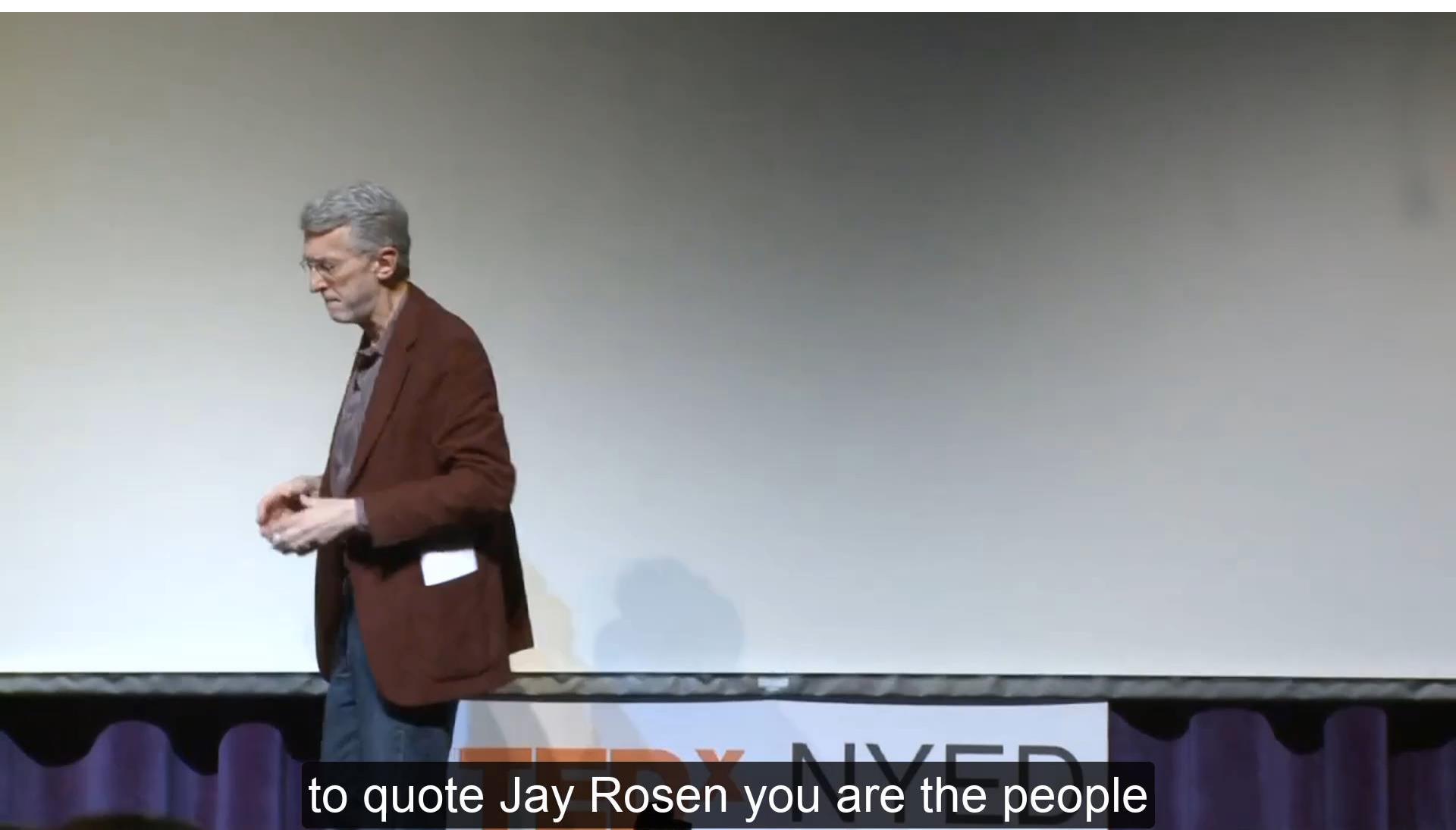
# Data Science In 5 Minutes...

simplilearn

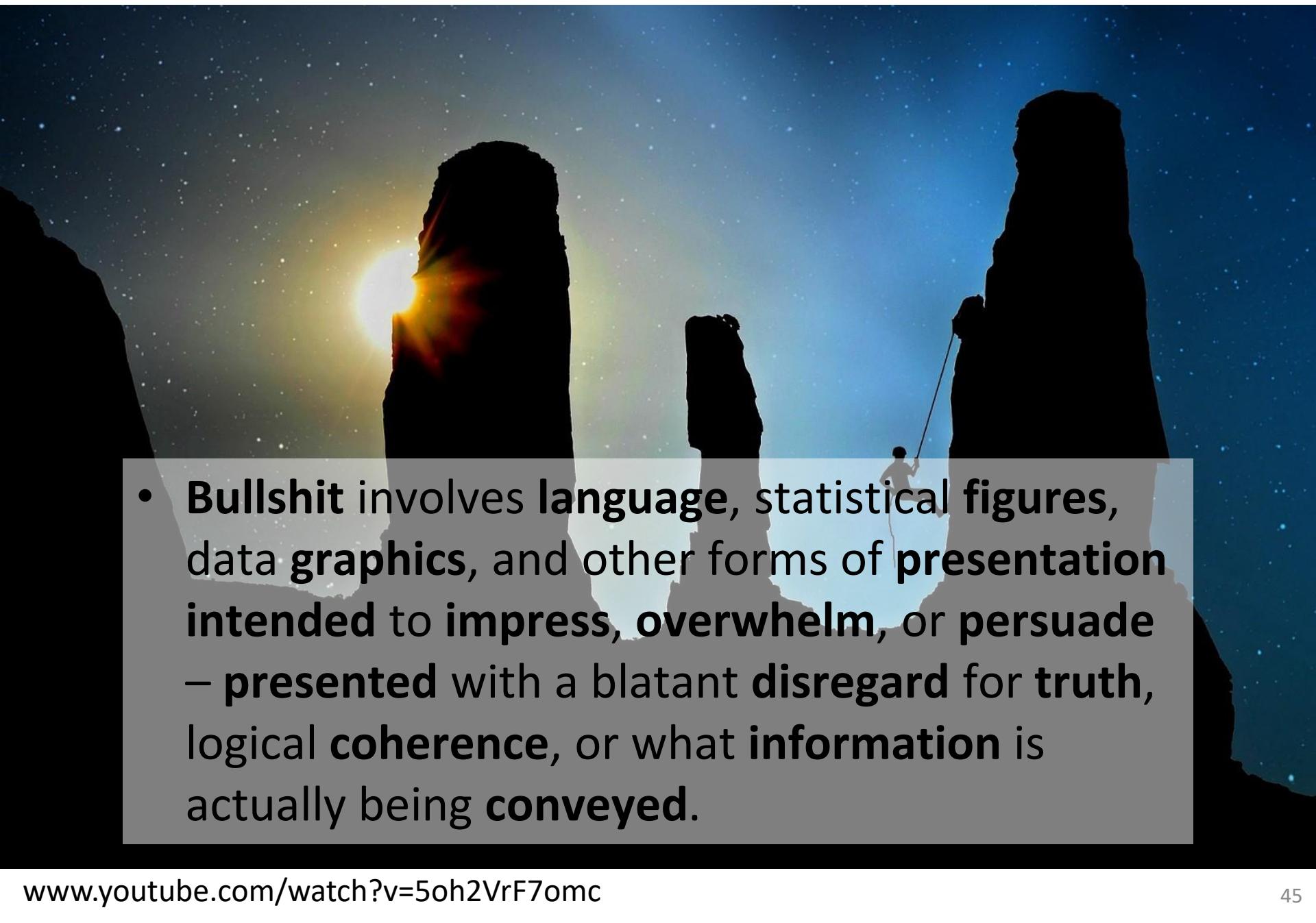


are you one of the many who dreams of

# Jeff Jarvis, Ted Talk über Bullshit



to quote Jay Rosen you are the people

- 
- A large, semi-transparent rectangular box covers the bottom half of the slide. Inside this box is a list of bullet points. In the background, there is a silhouette of a person climbing a tall, dark rock formation against a colorful, star-filled sky transitioning from yellow to blue.
- **Bullshit** involves **language**, statistical **figures**, data **graphics**, and other forms of **presentation** intended to **impress**, **overwhelm**, or **persuade** – **presented** with a blatant **disregard** for **truth**, logical **coherence**, or what **information** is actually being **conveyed**.

## Bergstrom, Calling Bullshit:

- If a **claim** seems **too good** — or **too bad** — to be **true**,
- it probably is.**

# The Story of Patagonian Toothfisch



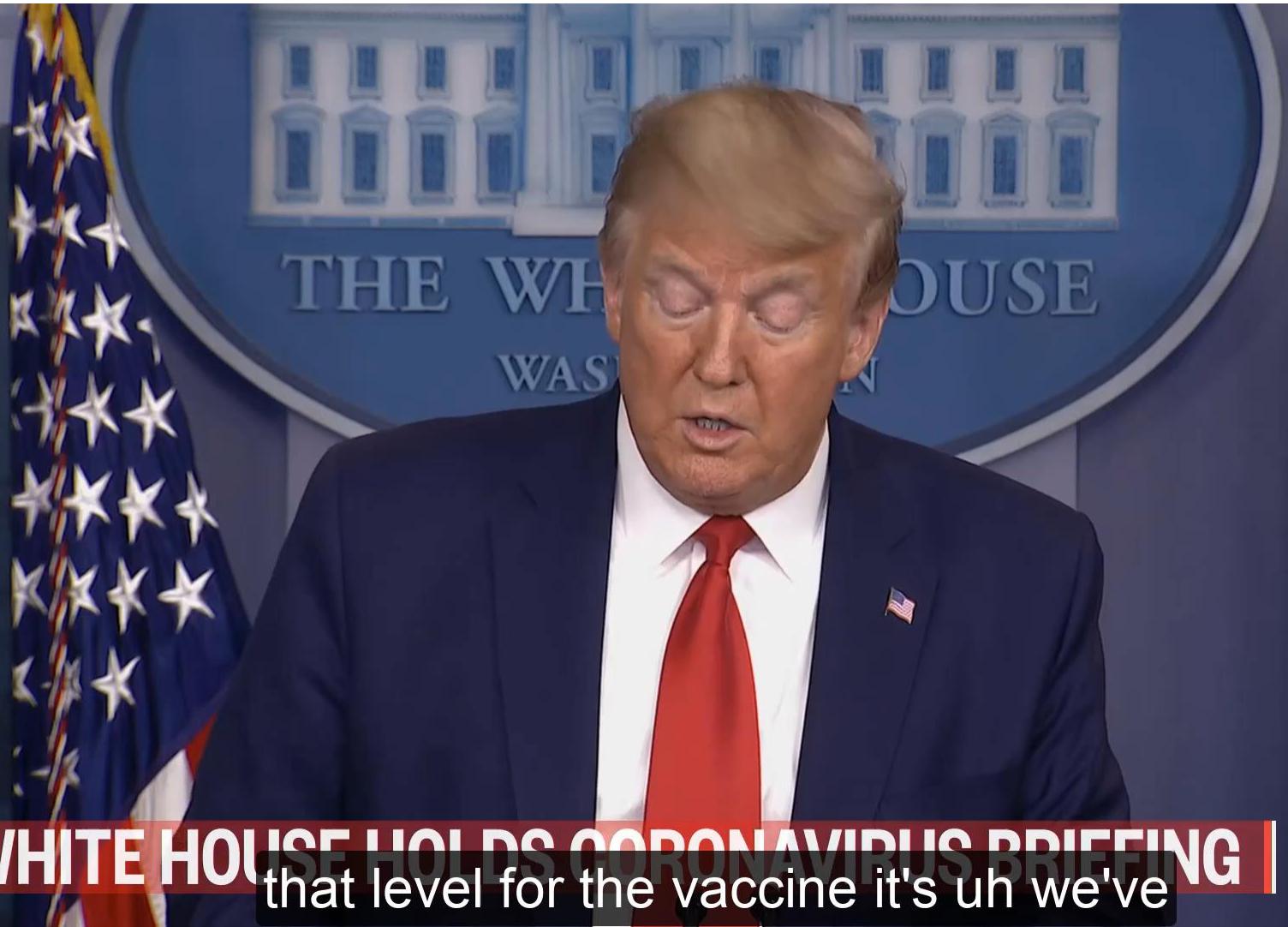
Who is hungry? One Food rebranding

# Apple Keynote about iPhones, 2013



look for it now I'd like to talk about

# Donald Trump about Testing, 6/4/2020



**WHITE HOUSE HOLDS CORONAVIRUS BRIEFING |**  
that level for the vaccine it's uh we've

# Ronald Reagan on Tax Cuts



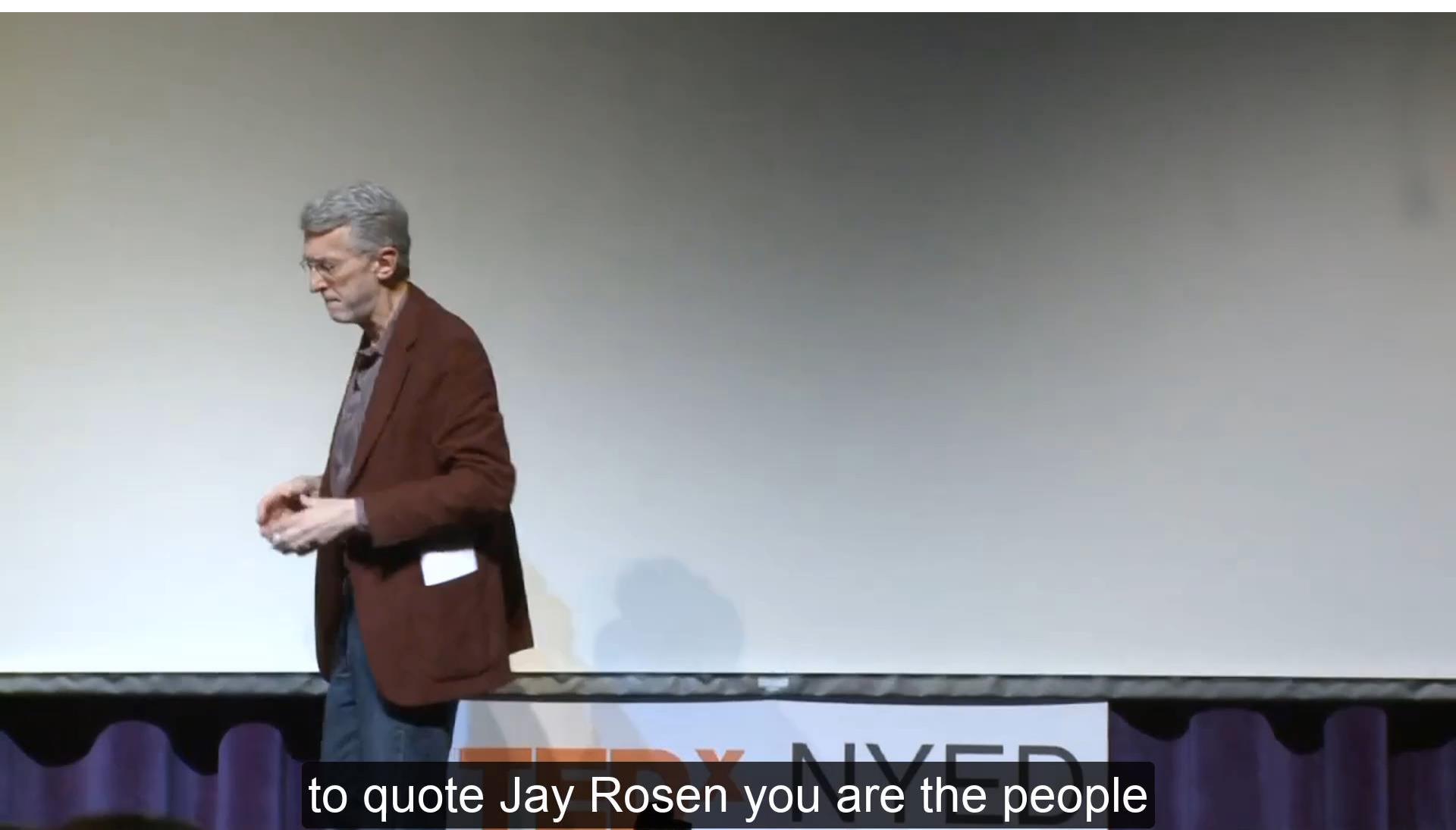
doublespeak here is another chart their

# Causation or Correlation?

## Bergstrom, Calling Bullshit:

- Two **variables** are correlated when knowing the **value of one** gives you **information** about the likely **value** of the **other**.
- Two **states** (variables, events) are **causally related** when one state (...) **influence** the other via a **cause-and-effect process**.

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to quote Jay Rosen you are the people

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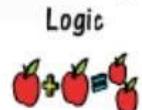
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Bloom's  
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SUBSCRIBE



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Think Pair Share

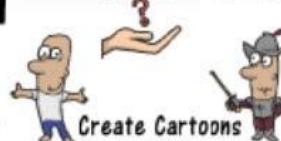


Inventions

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Create Cartoons

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Verbal  
Reasoning



Probabilistic Reasoning



Critical thinking may take on three different forms

Scientific  
Reasoning



# 9 Life Lessons - Tim Minchin UWA Address



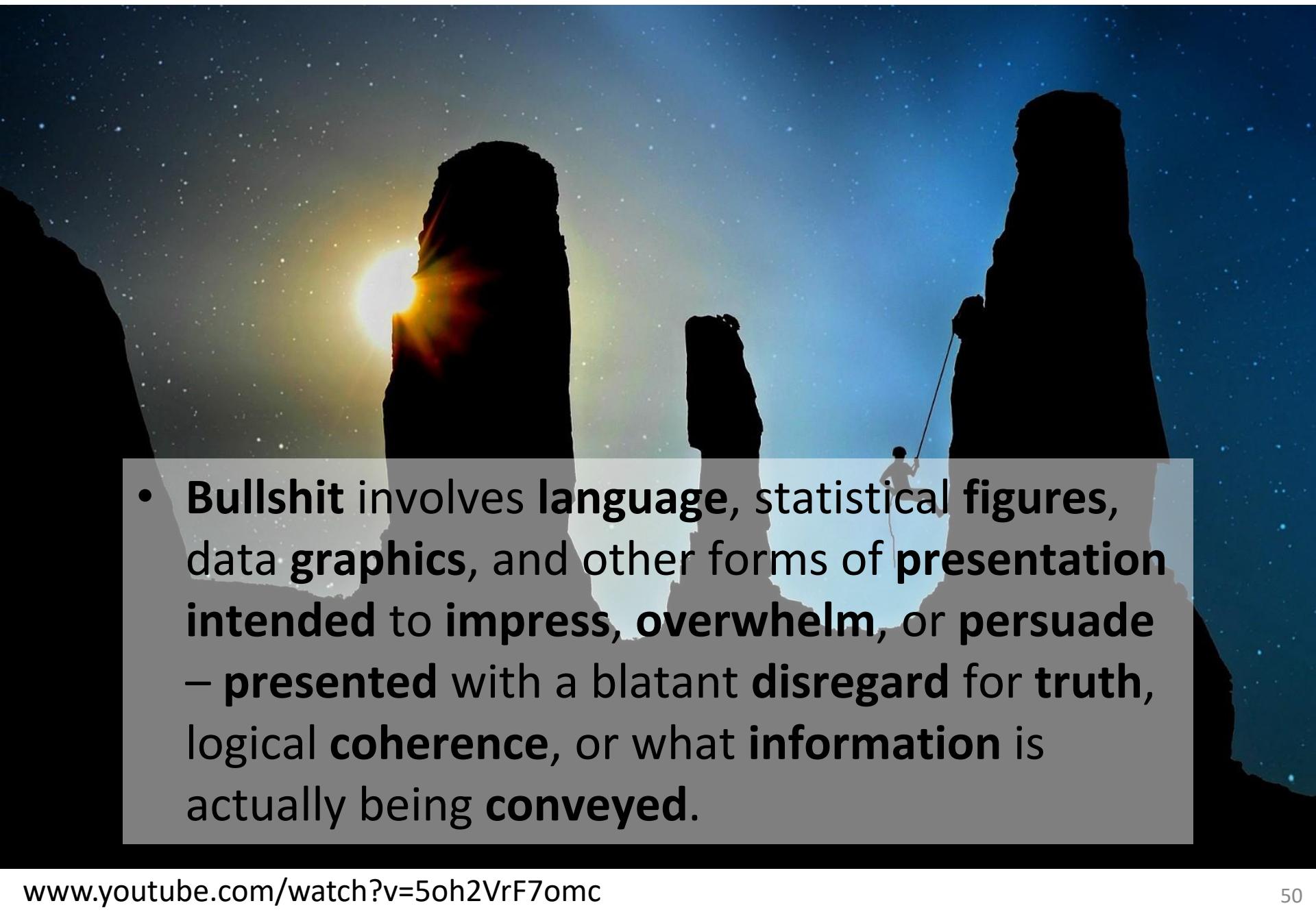
Five: Be hard on your opinions. A famous bon mot asserts opinions are like assholes in

# Video Tip: „Data Science In 5 Minutes...“ (2018)

simplilearn



are you one of the many who dreams of

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- **Bullshit** involves **language**, statistical **figures**, data **graphics**, and other forms of **presentation** intended to **impress**, **overwhelm**, or **persuade** – **presented** with a blatant **disregard** for **truth**, logical **coherence**, or what **information** is actually being **conveyed**.

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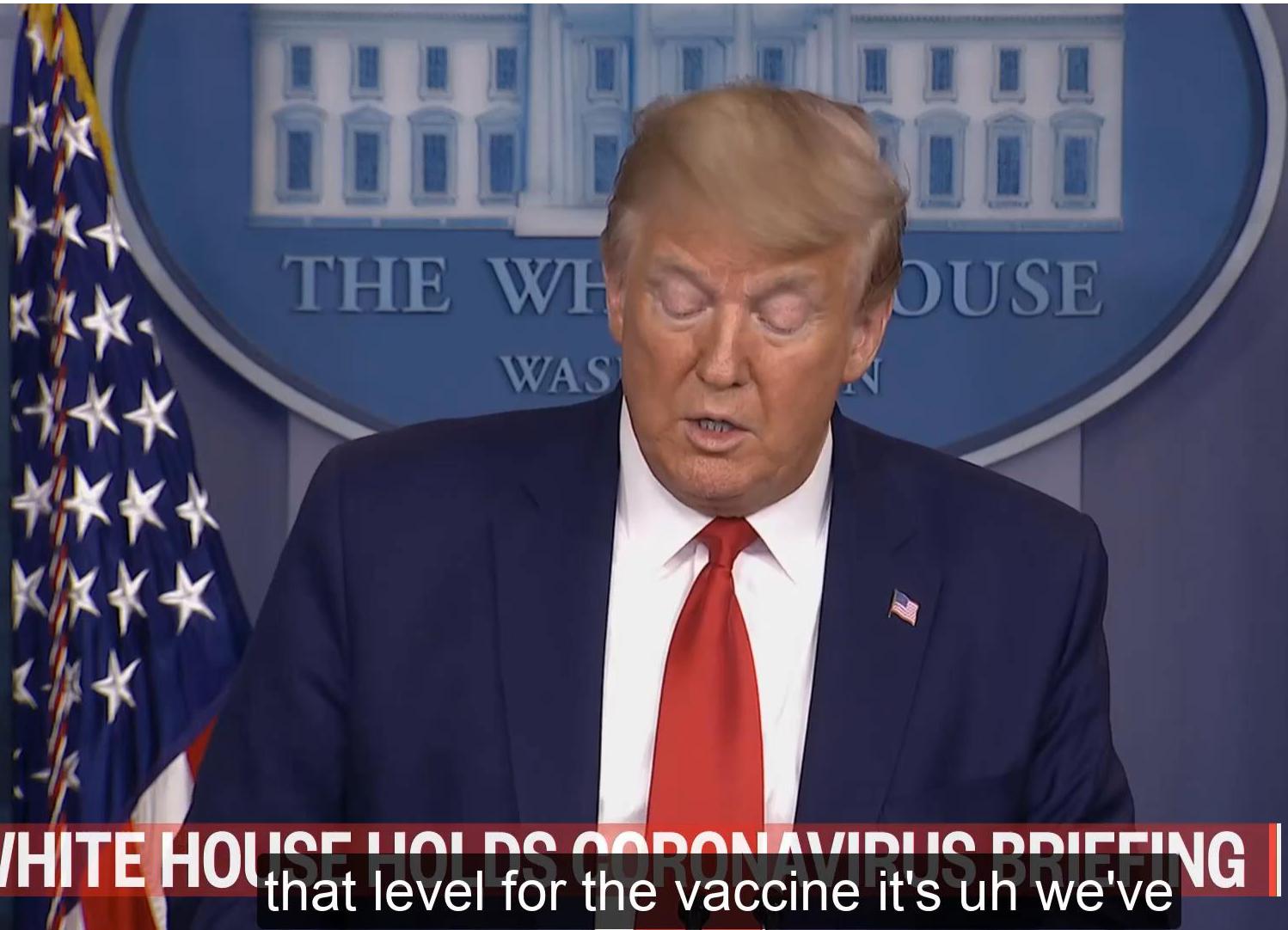
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**WHITE HOUSE HOLDS CORONAVIRUS BRIEFING |**  
that level for the vaccine it's uh we've

# Trump slams Governor of Michigan (17/10/2020)

PRESIDENT  
TRUMP  
  
SLAMS GOV.  
WHITMER AT  
RALLY IN  
MICHIGAN



# Ronald Reagan on Tax Cuts



doublespeak here is another chart their

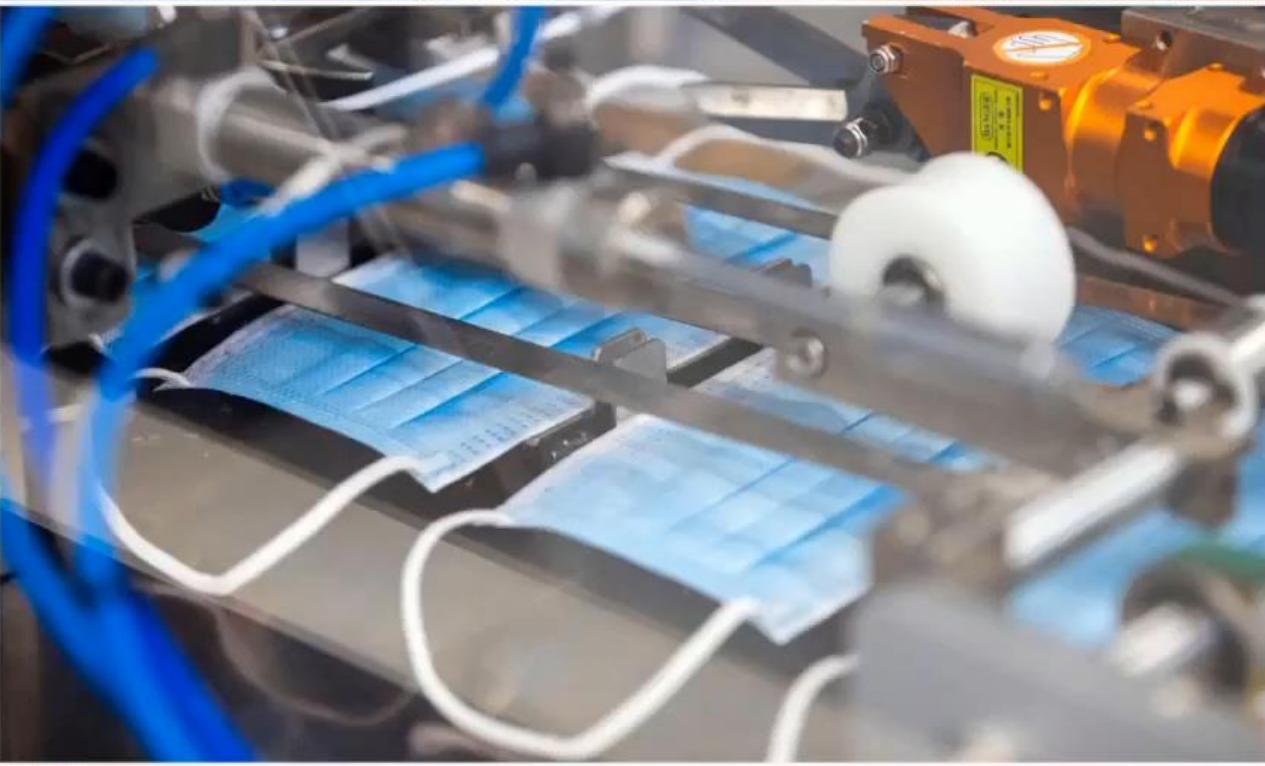
# Trump about Masks (15/10/2020)



but i was in great shape for the debate

**“... 85 % of the people that wear masks catch it (COVID) ...”**

# Fox News / Tucker about Masks (13/10/2020)

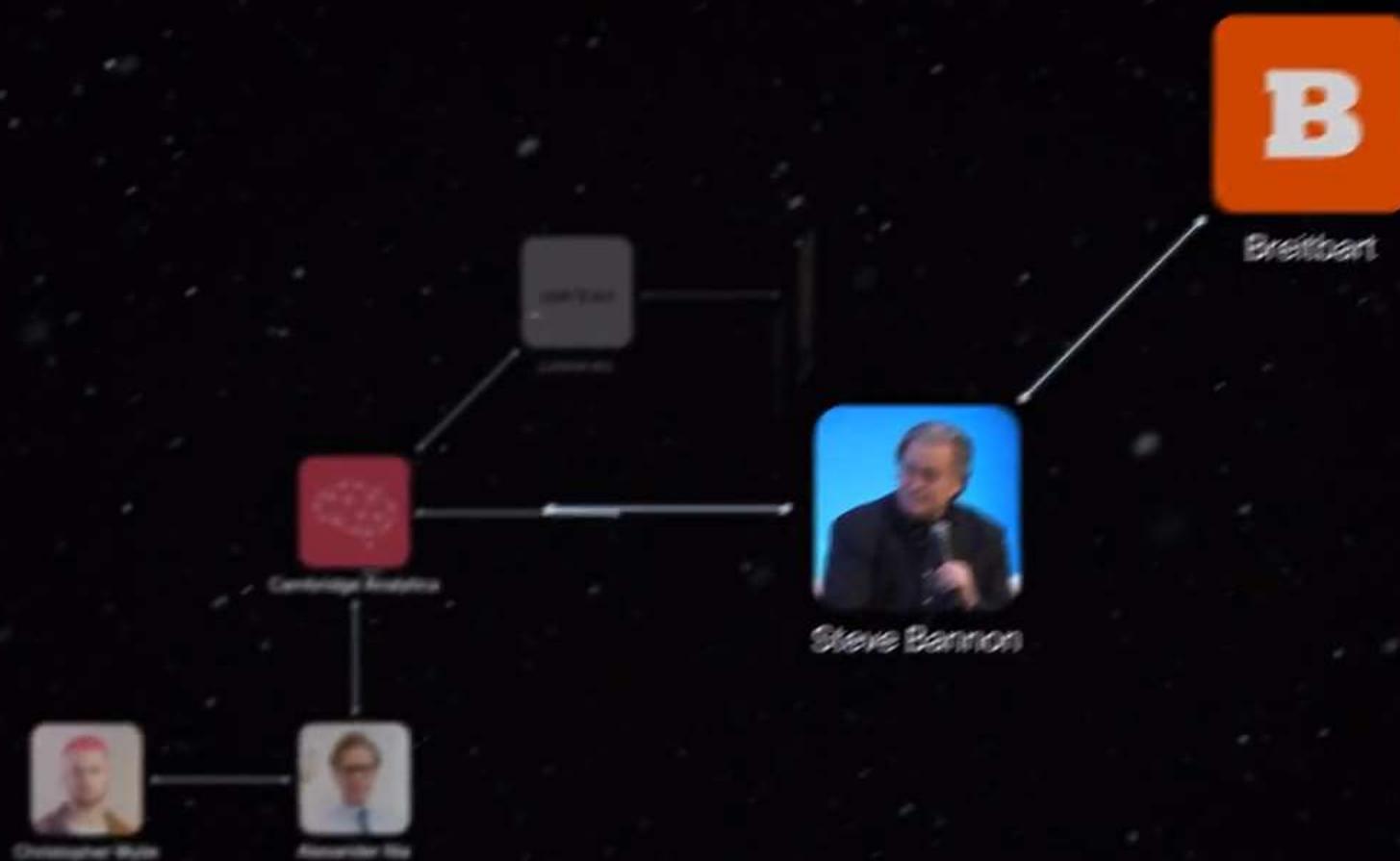


**FRESH CONCERN ABOUT THE EFFECTIVENESS OF MASKS**

• TUCKER CARLSON tonight • #Tucker

see you in jail miss grant harsh words

# Zugriff auf persönliche Daten per Quiz-App



# China exportiert ...



Künstliche Intelligenz – Wettlauf der Großmächte ZDF Doku  
<https://www.youtube.com/watch?v=aZqmyCbY6Q0>

# Facebook 2010: Soziale Beeinflussung möglich?



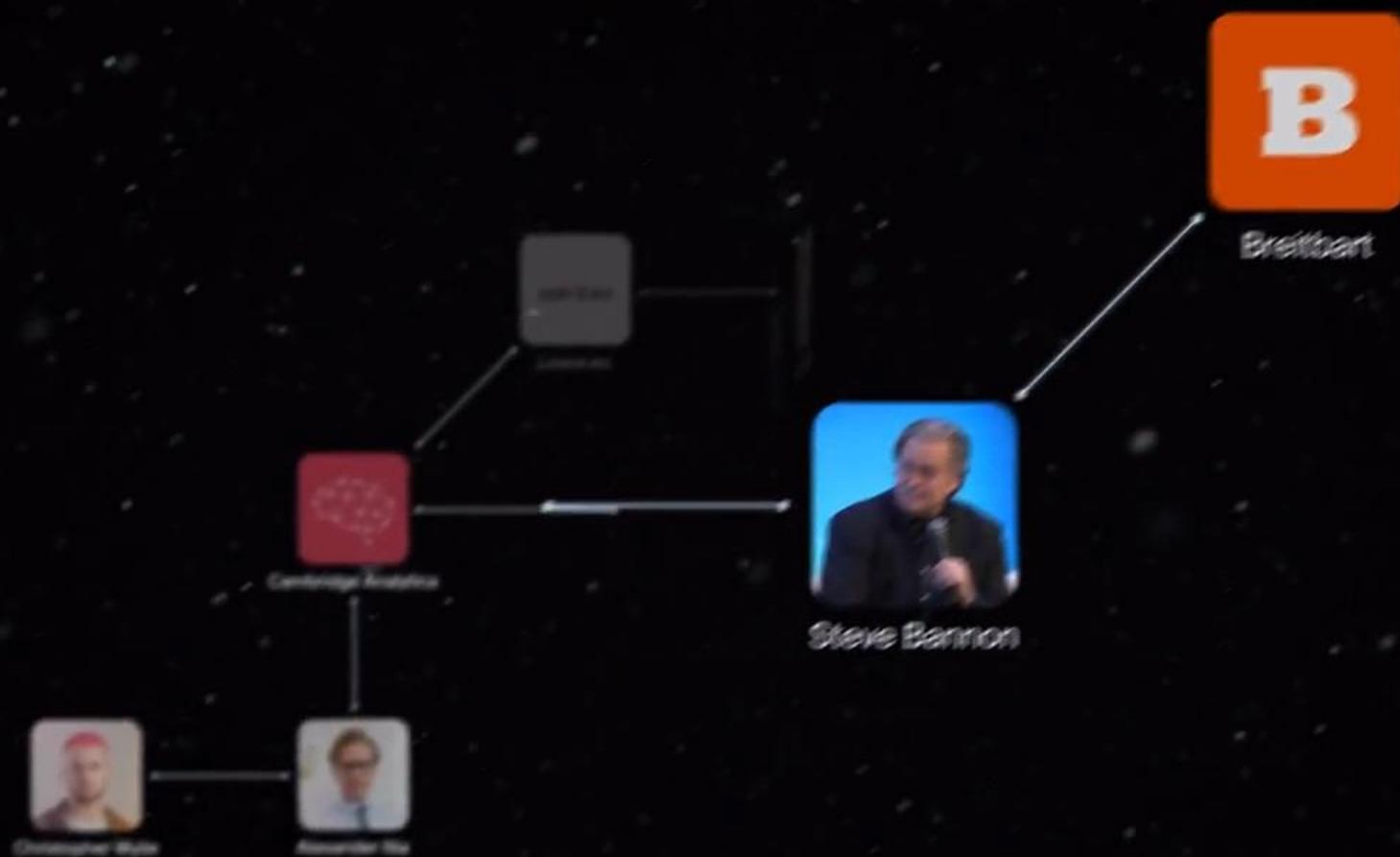
Künstliche Intelligenz – Wettlauf der Großmächte ZDF Doku  
<https://www.youtube.com/watch?v=aZqmyCbY6Q0>

# Verhaltensbezogenes Mikrotargeting in der Politik?



Künstliche Intelligenz – Wettlauf der Großmächte ZDF Doku  
<https://www.youtube.com/watch?v=aZqmyCbY6Q0>

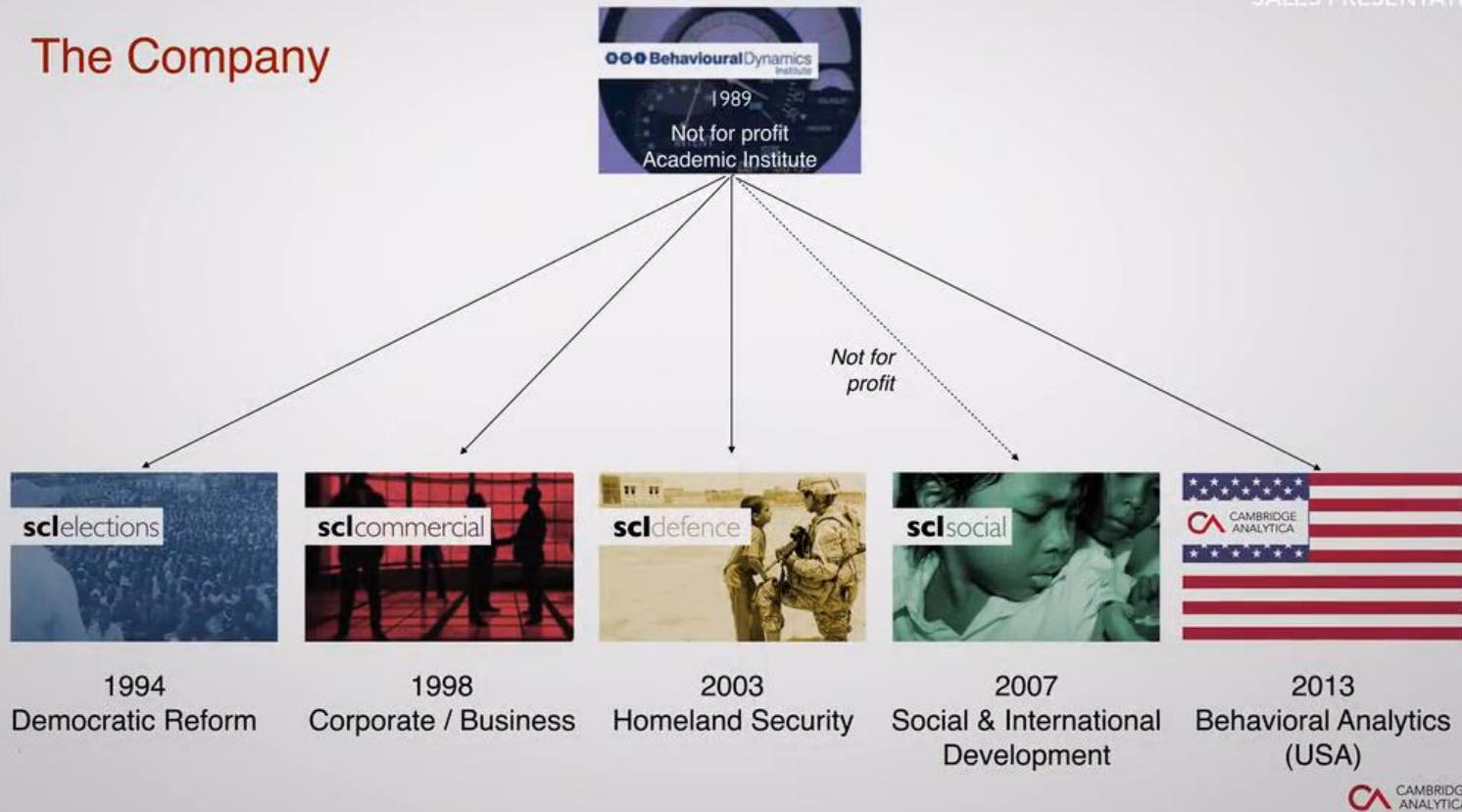
# Zugriff auf persönliche Daten per Quiz-App



# Verhaltensbezogenes Mikrotargeting...

CAMBRIDGE ANALYTICA  
SALES PRESENTATION

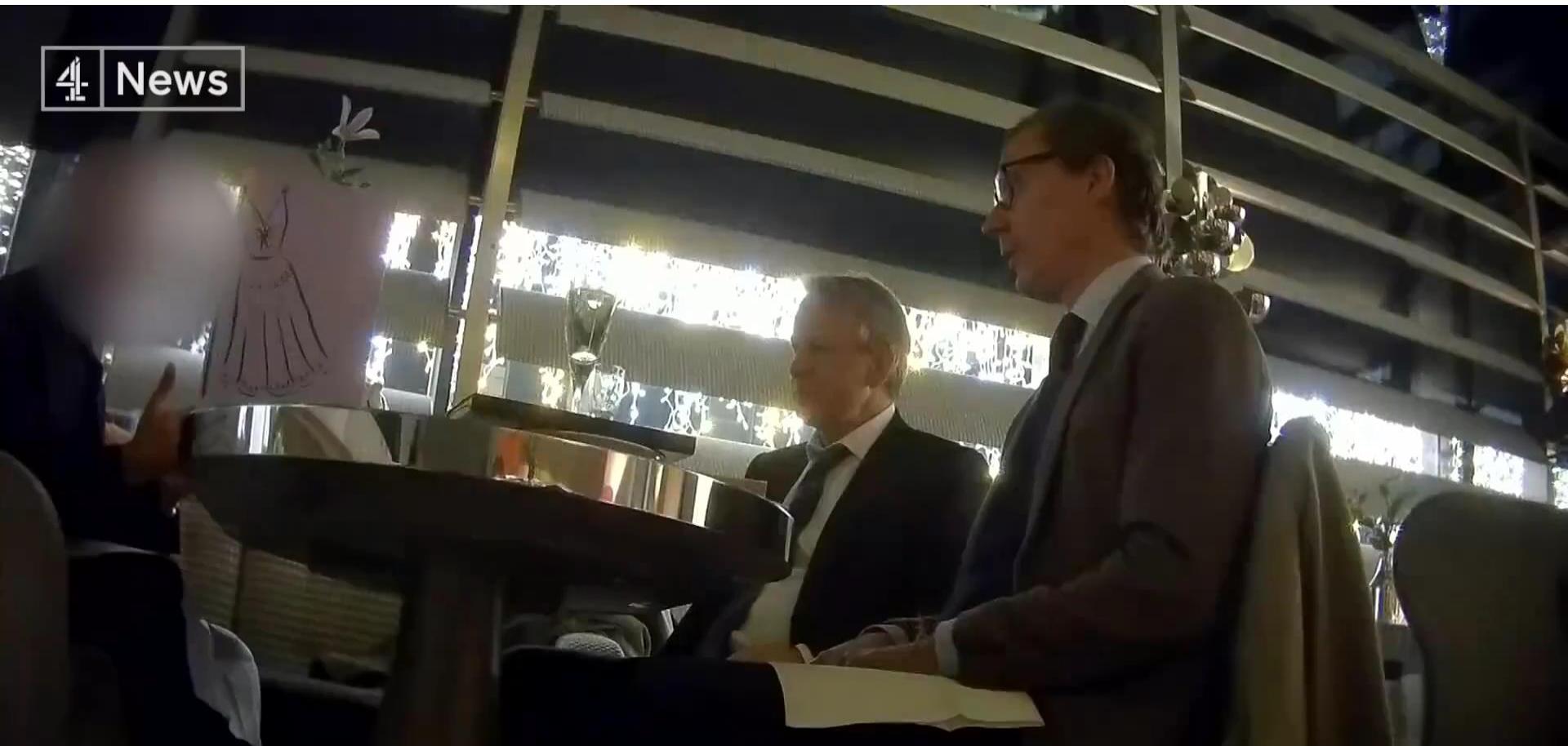
## The Company



CA CAMBRIDGE ANALYTICA

# Cambridge Analytica Uncovered

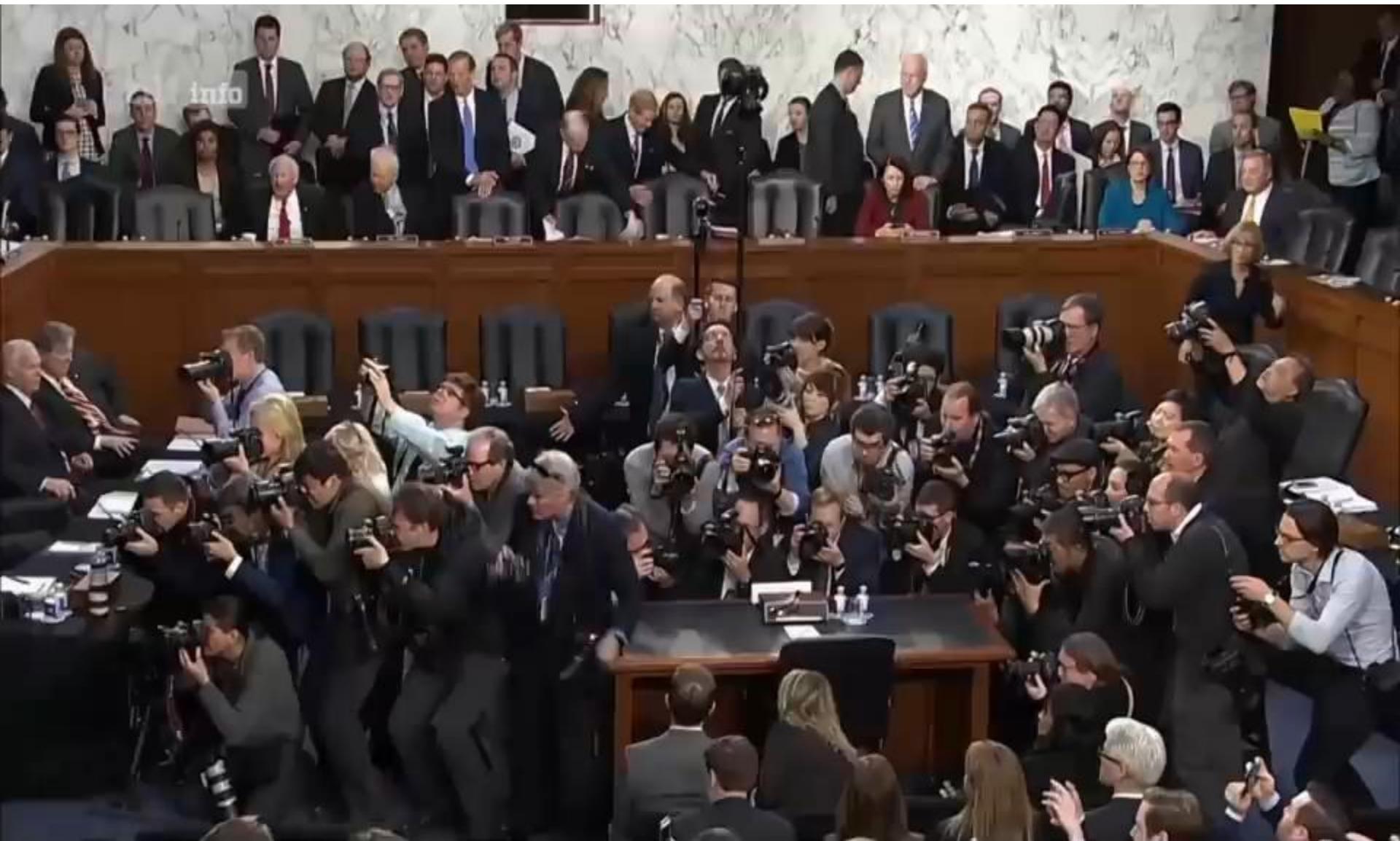
4 News



*the true identity and secrets of these people*

identity and secrets of these peoples we

# Cambridge Skandal stürzt Facebook in eine Krise



Künstliche Intelligenz – Wettlauf der Großmächte ZDF Doku  
<https://www.youtube.com/watch?v=aZqmyCbY6Q0>

# Cambridge nutzte altmodisches Data Science...



Künstliche Intelligenz – Wettlauf der Großmächte ZDF Doku  
<https://www.youtube.com/watch?v=aZqmyCbY6Q0>

# Wozu Governance?



# CCPA: California Consumer Privacy Act



Künstliche Intelligenz – Wettlauf der Großmächte ZDF Doku  
<https://www.youtube.com/watch?v=aZqmyCbY6Q0>

# Hajo Schumacher über Nutzungsbedingungen

noz



Hajo Schumacher über digitalen Alltag und Folgen, 9/2020  
[www.youtube.com/watch?v=IDFRQmsfdYo](https://www.youtube.com/watch?v=IDFRQmsfdYo)

# Gesichtserkennung in Shenzhen...



# China geht über die SCHUFA-Idee hinaus...



Künstliche Intelligenz – Wettlauf der Großmächte ZDF Doku  
<https://www.youtube.com/watch?v=aZqmyCbY6Q0>

# Video Tip: ZDF-Doku zu Wettlauf der Großmächte

**zdf.info**



**Künstliche Intelligenz – Wettlauf der Großmächte ZDF Doku**  
<https://www.youtube.com/watch?v=aZqmyCbY6Q0>

# ... und China ist das neue Saudi-Arabien



Künstliche Intelligenz – Wettlauf der Großmächte ZDF Doku  
<https://www.youtube.com/watch?v=aZqmyCbY6Q0>

# Eine Influencerin, 2018



## Anfang 2018:

- 22 Jahre alt, lebt in England
- ca. 87.000 Subscriber auf YouTube
- ca. 76.000 Follower auf Instagram

# Hajo Schumacher, Autor Buch „Kein Netz“



Also die **Einfachheit** mit der man im **Netz** ganz normal für **Instagram**, für **Facebook**, für **Twitter**, für **YouTube Fans, Likes, Kommentare kaufen** kann, das ist schon **echt dramatisch**. Ich habe das hier mit einem **Gastronomen** ... besprochen und die sagen z.B., also wenn Du in diesem **klassischen Ranglisten** wie **Tripadvisor**, wo die **Touristen** sich **orientieren**, wenn Du dich da nicht **hochkaufst**, dann hast Du ein **echtes Problem**. Nämlich **weniger Umsatz**. Oder **Ärzte** noch **dramatischer**, wenn Du auf den **bekannten Portalen** eine **schlechte Bewertung** hast , ... eine unter vier von maximal fünf, dann merkst Du das tatsächlich an den **Patienten** die dann auf einmal fragen, **was denn bei Ihnen los** ist oder sowas und **ganz viele Ärzte** haben inzwischen so, ich sag mal **Pauschalverträge mit Agenturen**, die ihnen dann immer mit entsprechenden **Kommentaren und Sternchenvergaben**, die natürlich alle **gefaked** sind, aber sie weiter **im 4,8-Bereich** halten damit dann noch weiter die **Kunden kommen**.  
... es hat einen Teil zum mindest von **Volksverarschung**.

# Texas Church Shooting am 5.11.2017



- Start
- Trends
- Abos
- BIBLIOTHEK**
- Verlauf
- Später ansehen
- ABOS**
- Beliebt auf YouTu...
- Sport
- Gaming
- Filme
- Kanäle finden
- YouTube-Filme
  - Kurz nach dem Attentat
  - Ca. die Hälfte der ersten 10 Ergebnisse waren News-Videos von Amateuren
- Einstellungen
- Hilfe
- Feedback

Etwa 448.000 Ergebnisse



## Mom Gave Her Life to Save Her Children in Texas Church Shooting

Inside Edition 1,3 Mio. Aufrufe • vor 3 Wochen

More from Inside Edition: [https://www.youtube.com/user/cbstvinsideedition?sub\\_confirmation=1](https://www.youtube.com/user/cbstvinsideedition?sub_confirmation=1)  
Haunting video of the mom who ...



## Texas church shooting victims identified

Fox News 26.000 Aufrufe • vor 3 Wochen

Survivors and the community continue the healing process.



## Authorities identify Texas church shooting suspect

ABC News 428.000 Aufrufe • vor 1 Monat

Sources say suspect is Devin Kelley, a 26-year-old white male, and a military veteran.



## Texas Church Shooting

CBS Los Angeles • 203.000 Aufrufe • vor 1 Monat

## News-Suche auf YouTube

Cristy Fajardo reports.

## 10 Ergebnisse waren News-Videos



## Pastor's 14-Year-Old Daughter Among the Victims of Texas Church Shooting

Inside Edition 47.000 Aufrufe • vor 4 Wochen

More from Inside Edition: [https://www.youtube.com/user/cbstvinsideedition?sub\\_confirmation=1](https://www.youtube.com/user/cbstvinsideedition?sub_confirmation=1)  
The 14-year-old daughter of a ...



# E.T. Williams über Texas Church Shooting



**Erstes Video auf YouTube zu Attentat in Texas:  
„Attentäter ist ein Schwarzer oder Moslem“**



- Über 10.000 Videos auf YouTube, ca. 200 Mio. Views
- YouTube-Verdienst pro Monat ca. 10.000 \$

E.T. WILLIAMS

# Ergo Direkt: „Wir machen es einfach“



Zahnersatz sofort von der ERGO Direkt – Werbespot 2011  
[www.youtube.com/watch?v=bG1zVGot5jE](http://www.youtube.com/watch?v=bG1zVGot5jE)

# Darrell Duffie, Stanford University about banks

WILL BANKS LEAD OR FOLLOW?

why would the banks disrupt themselves

# Central Bank Digital Currencies (CBDCs)



Central Bank Digital Currencies (CBDCs) and the transformation of global payments  
[www.youtube.com/watch?v=aLyIckH\\_SXs](https://www.youtube.com/watch?v=aLyIckH_SXs)

# Edward Snowden on Passwords

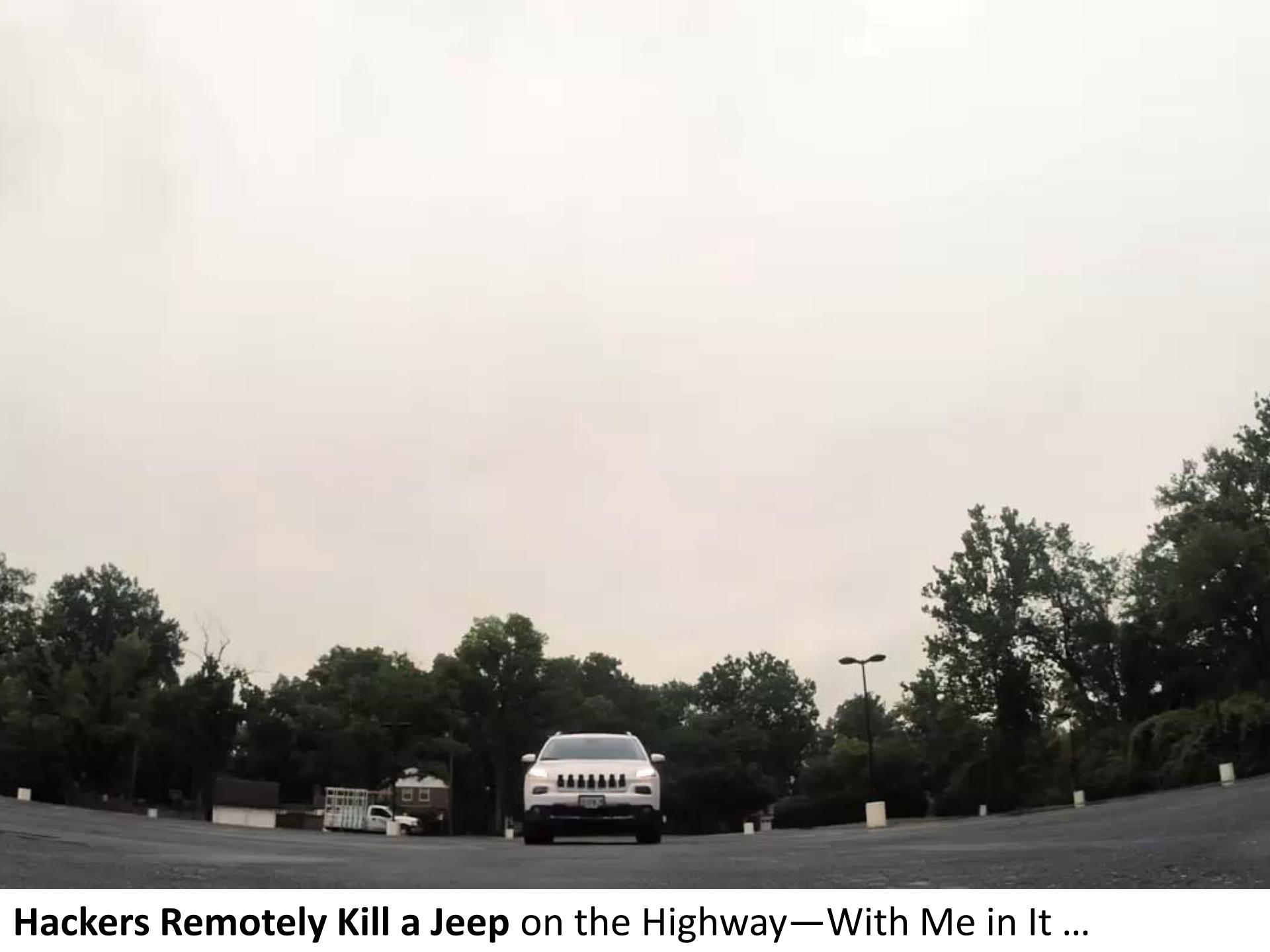


[www.youtube.com/watch?v=yzGzB-yKcc](https://www.youtube.com/watch?v=yzGzB-yKcc)

# Edward Snowden on Passwords



[www.youtube.com/watch?v=yzGzB-yKcc](https://www.youtube.com/watch?v=yzGzB-yKcc)



**Hackers Remotely Kill a Jeep on the Highway—With Me in It ...**



Wie viele **Bitcoin** hast du? Unterwegs im Hamburger Nachtleben ...



Bitcoin-Mine: Hier werden Millionen verdient (5/2017)

# Computer & complex mathematical calculations



Ali G and Techmology ...



# BITCOIN MINE CHANGCHENG, DALIAN

Life Inside a Secret Chinese Bitcoin Mine, 2015

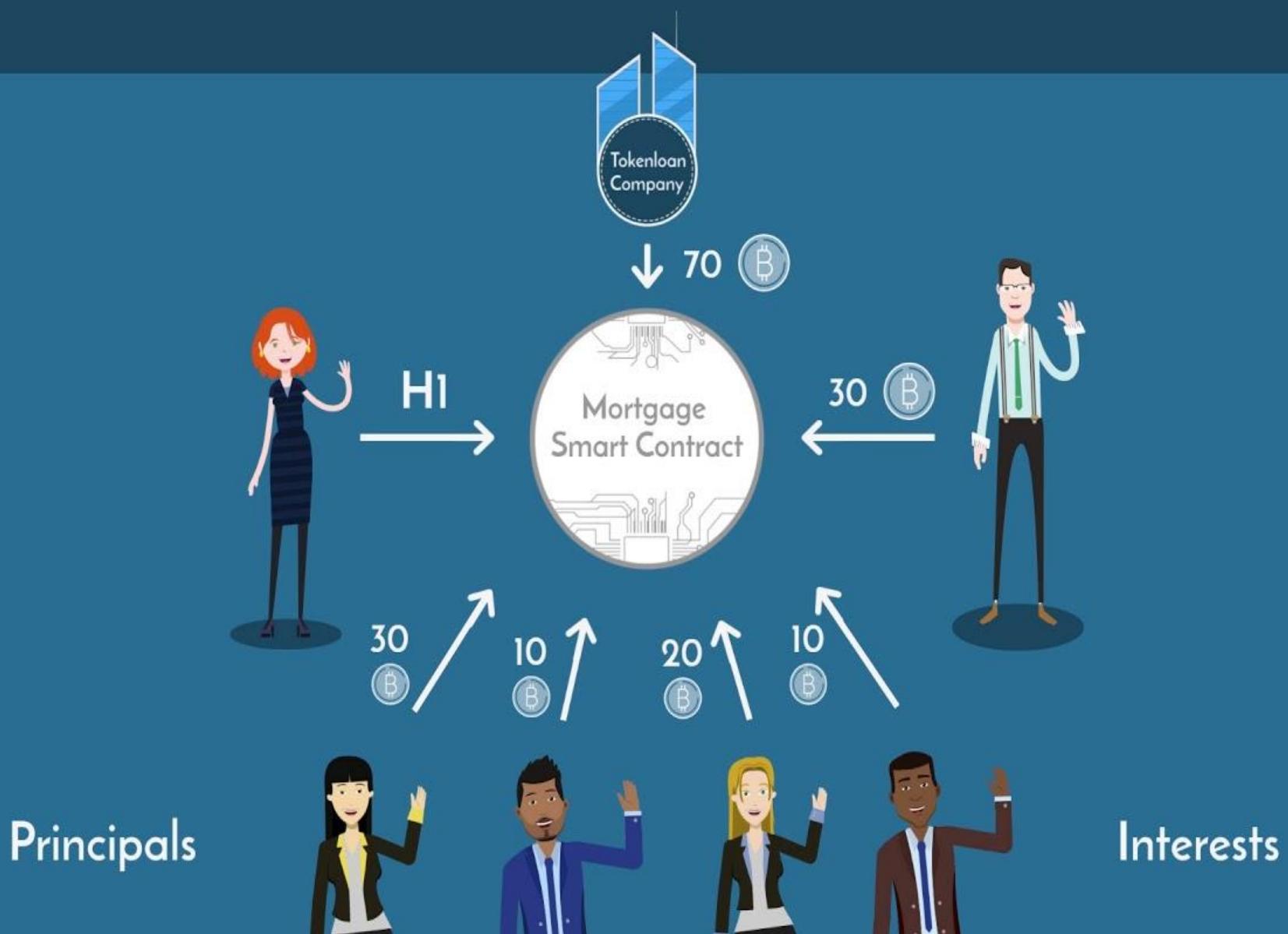
The screenshot shows a user interface for a cloud mining service. On the left, a vertical sidebar lists navigation options: DASHBOARD (highlighted), MINING ALLOCATION, PAYOUTS, BONUS PAYOUTS, MY ACCOUNT, MY ORDERS, and BUY HASHPOWER. The main content area displays six mining metrics in a grid:

Currency	Hashrate
Bitcoin	66.4823 TH/s
Litecoin	13.0850 MH/s
Dash (X11)	1010.4750 MH/s
Ether	151.9875 MH/s
Zcash	0.0000 H/s
Monero	325.5000 H/s

At the bottom, there are two calls-to-action: "Mining Allocation" (Allocate your hashpower) and "Buy Hashpower" (Purchase more hashpower). The Windows taskbar at the bottom includes icons for search, file explorer, and various apps like Spotify and Google Chrome.

# How I Earn \$3500 Per Month Mining Cryptocurrency (7/2017)

# Smart Contracts am Beispiel Hauskauf





IOTA im ZDF MORGENMAGAZIN ...

# Welche Aussage zu Digitalen Plattformen trifft zu?

Art des Wissens	Abfragewissen (Vorlesung)	Anwendungswissen (Literatur)
Schwierigkeitsgrad		
Einfach	grün	gelb
Mittel	gelb	rot
Schwierig	rot	rot

- a) **WeChat** ist ein Beispiel für eine **Product Platform**
- b) **Airbnb** ist ein Beispiel für eine **Transaction Platform**
- c) **Ebay** ist ein Beispiel für eine **Service Plattform**
- d) **YouTube** ist ein Beispiel für eine **Media & Content Platform**
- e) **LinkedIn** in ein Beispiel für eine **Communication Platform**

1. Video auf YouTube in 2005: „Me at the zoo“



# Digital Transformation is happening

# Digitale Plattformen und Plattformökonomie



# Digitale Plattformen sind erfolgreich



stimmt aber digitale plattformen sind

# Eignung für Plattformökonomie

Welche Geschäftsmodelle haben am Markt die beste Chance, sich erfolgreich in der Plattformökonomie zu etablieren?

# Strategie für Plattformökonomie

Plattform-Boom im E-Commerce:  
Wie sieht Ihrer Meinung nach die richtige  
Plattformstrategie aus?

# Die Projektprobleme beim Berliner Flughafen BER liegen zentral?

- A** An den beauftragten Architekten.
- B** An den Politikern als Auftraggeber.
- C** Am fehlerhaften Brandschutz.

ZDF-Doku: Deutschlands peinlichste Baustelle  
<https://www.youtube.com/watch?v=xb8JEjHO3Cw>



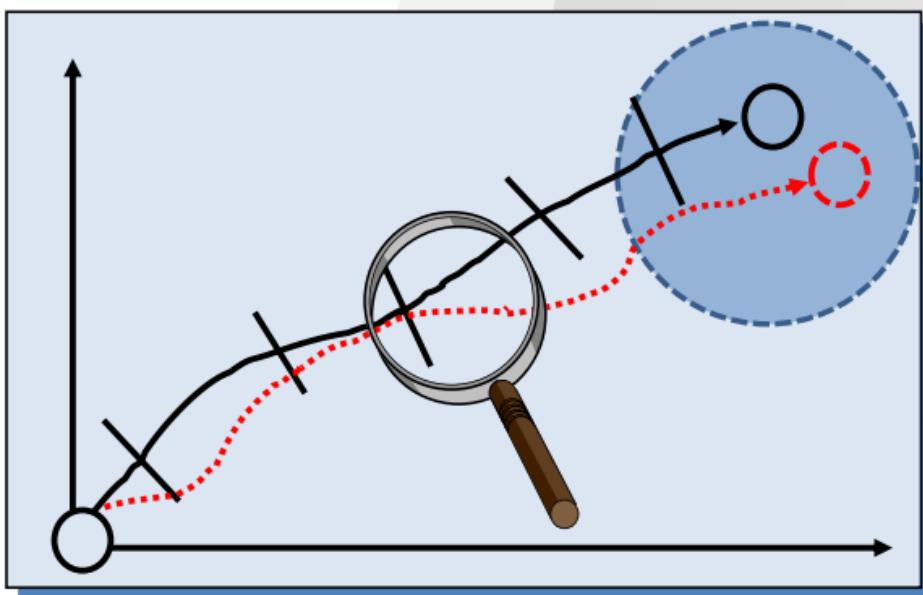
# Whats the Difference between Agile & Traditional?



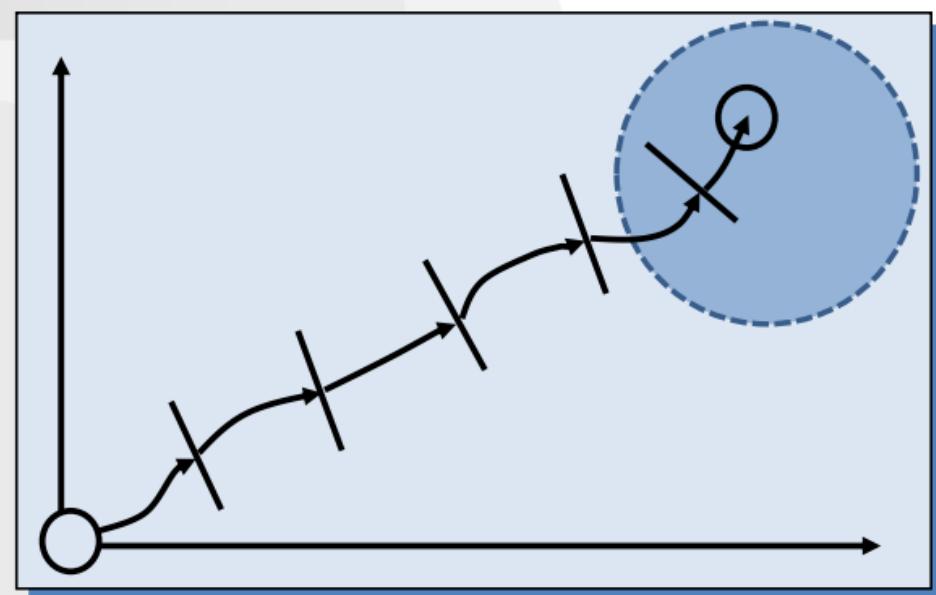
Agile vs Waterfall Methodology | What to choose?  
[www.youtube.com/watch?v=5RocT\\_OdQcA](https://www.youtube.com/watch?v=5RocT_OdQcA)

# Klassisches und agiles Projektmanagement (PM) haben unterschiedliche Ansätze mit Stärken und Schwächen

Klassisches PM



Agiles PM



**Man verirrt sich nie so leicht,  
als wenn man glaubt den Weg zu kennen.**  
(Chinesisches Sprichwort)

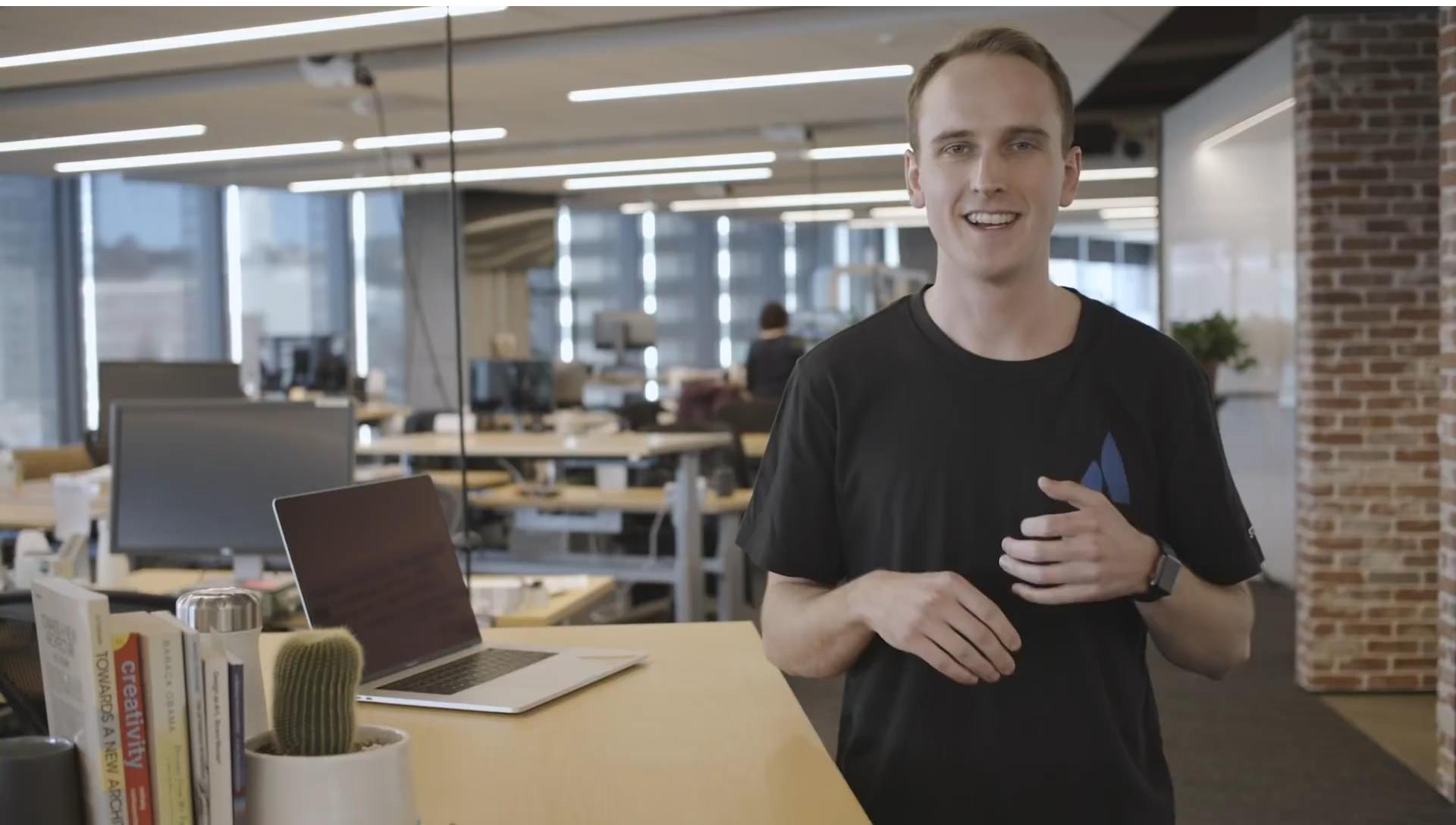
**Wir wissen zwar nicht wo wir hinwollen,  
aber wir werden uns trotzdem beeilen.**  
(Quelle unbekannt)

# KANBAN – Visualize Your Work



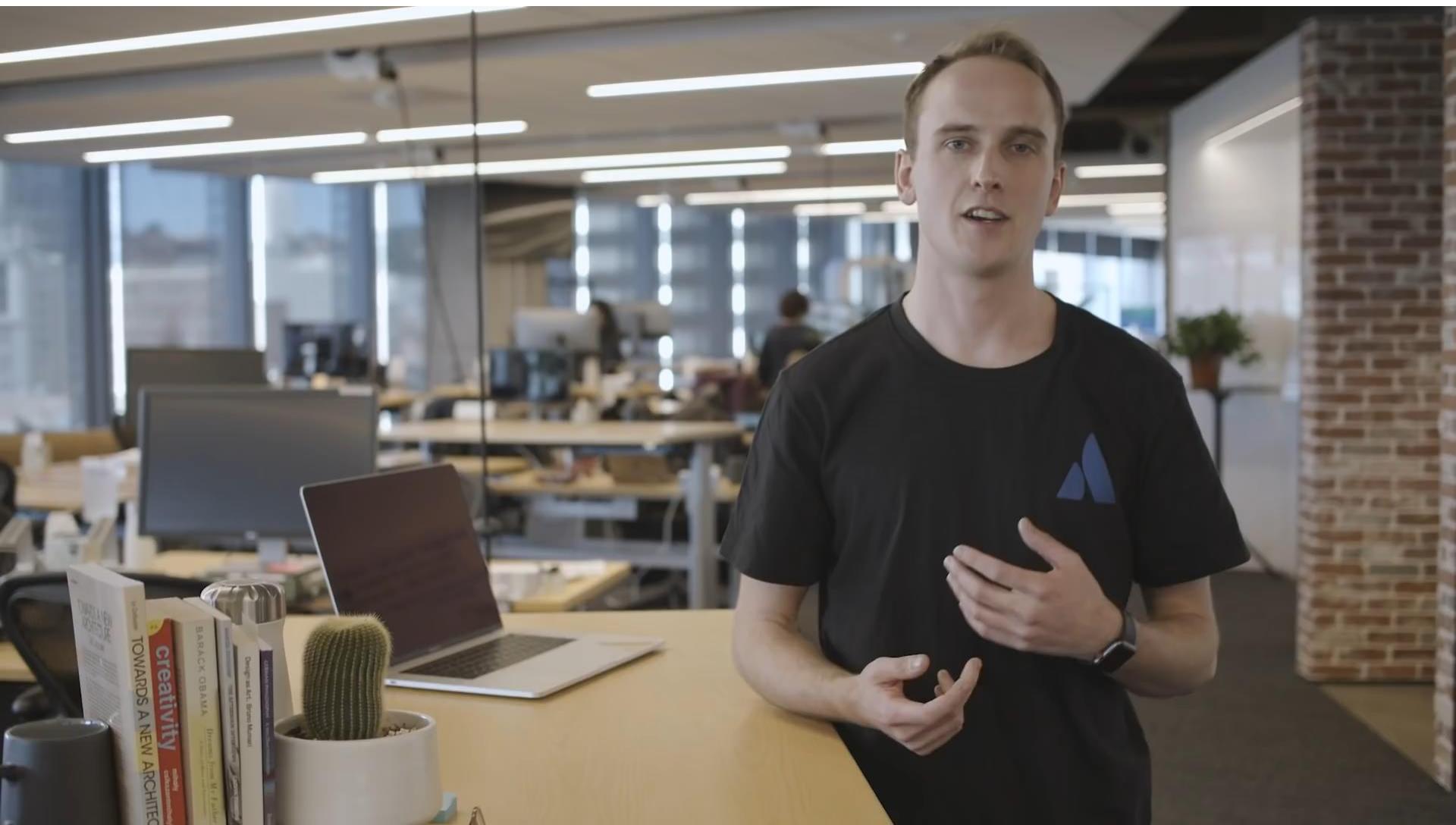
What is Kanban? - Agile Coach (2019)  
[www.youtube.com/watch?v=iVaFVa7HYj4](https://www.youtube.com/watch?v=iVaFVa7HYj4)

# KANBAN Board – A Project Management Tool



What is a Kanban Board? - Agile Coach (2019)  
[www.youtube.com/watch?v=Bcid33tgq8A](https://www.youtube.com/watch?v=Bcid33tgq8A)

# KANBAN – Work In Progress Limit (WIP-Limit)



Kanban WIP limits - Agile Coach (2019)  
[www.youtube.com/watch?v=zEJn6eQO6FE](https://www.youtube.com/watch?v=zEJn6eQO6FE)

# Introduction to Scrum



Introduction to Scrum - 7 Minutes  
[www.youtube.com/watch?v=9TycLROtqFA](https://www.youtube.com/watch?v=9TycLROtqFA)

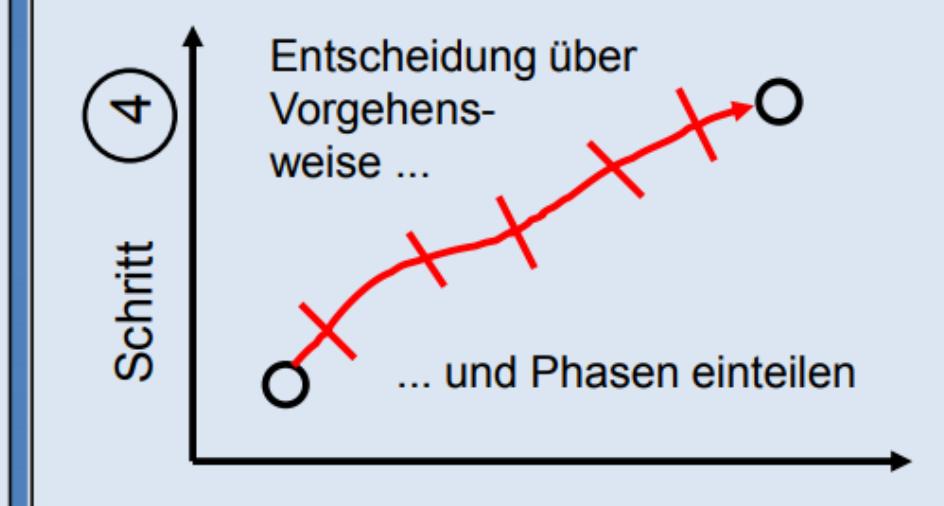
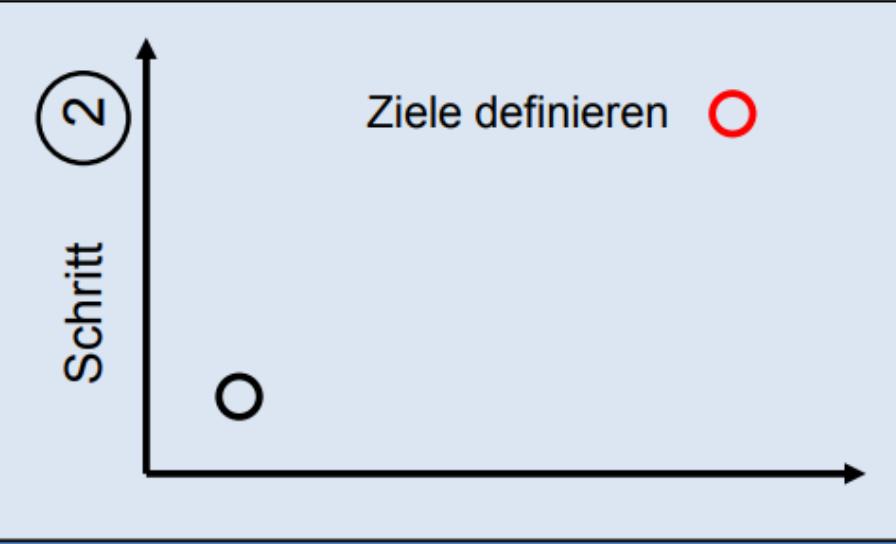
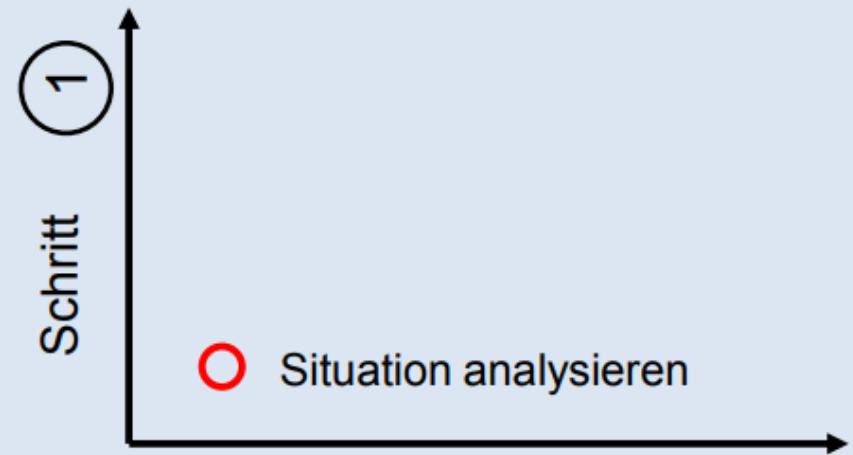
# Agile Culture at Spotify - Part 1



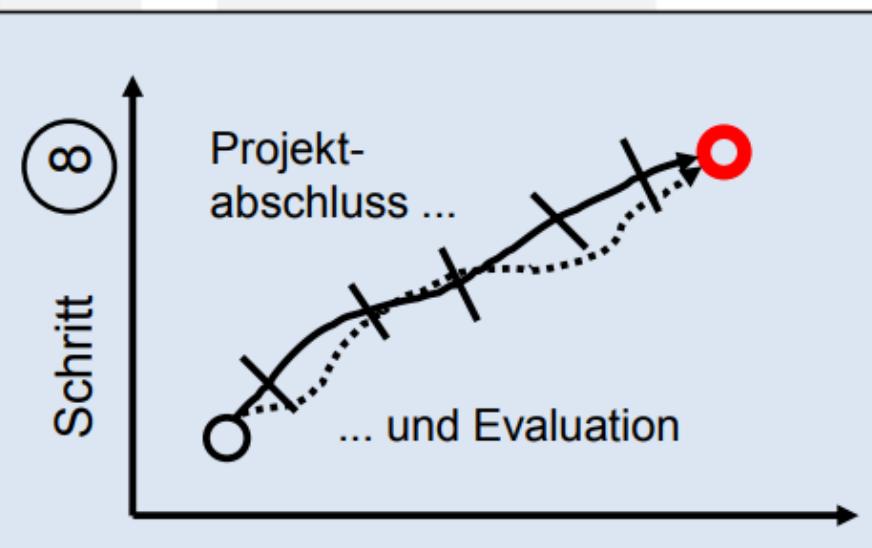
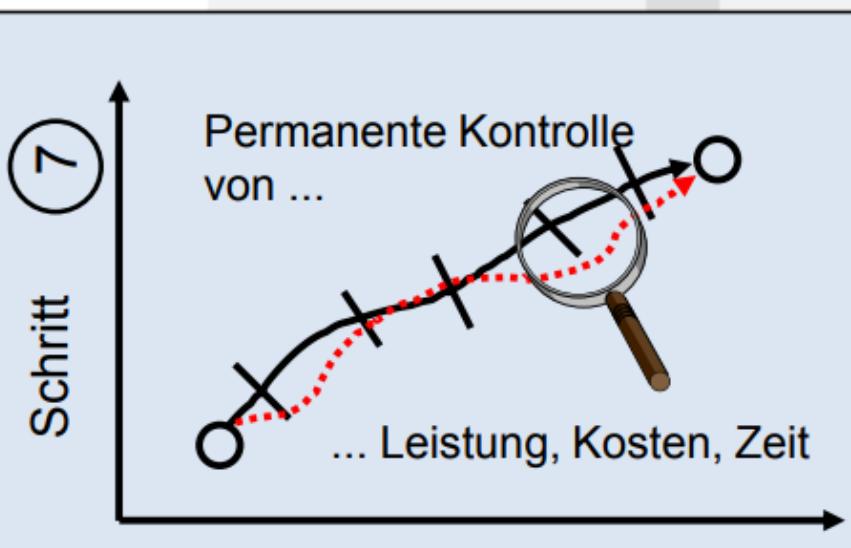
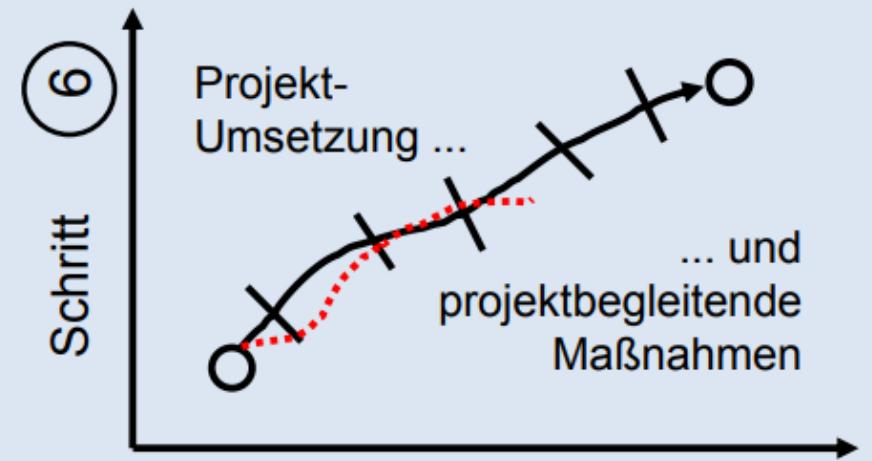
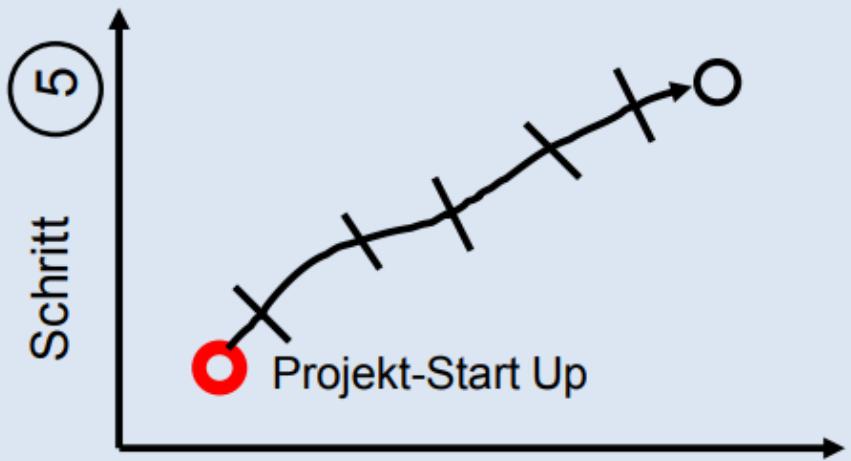
# Agile Culture at Spotify - Part 2



# Klassisches Projektmanagement: Typische Arbeitsschritte vor Projektbeginn (1/2)



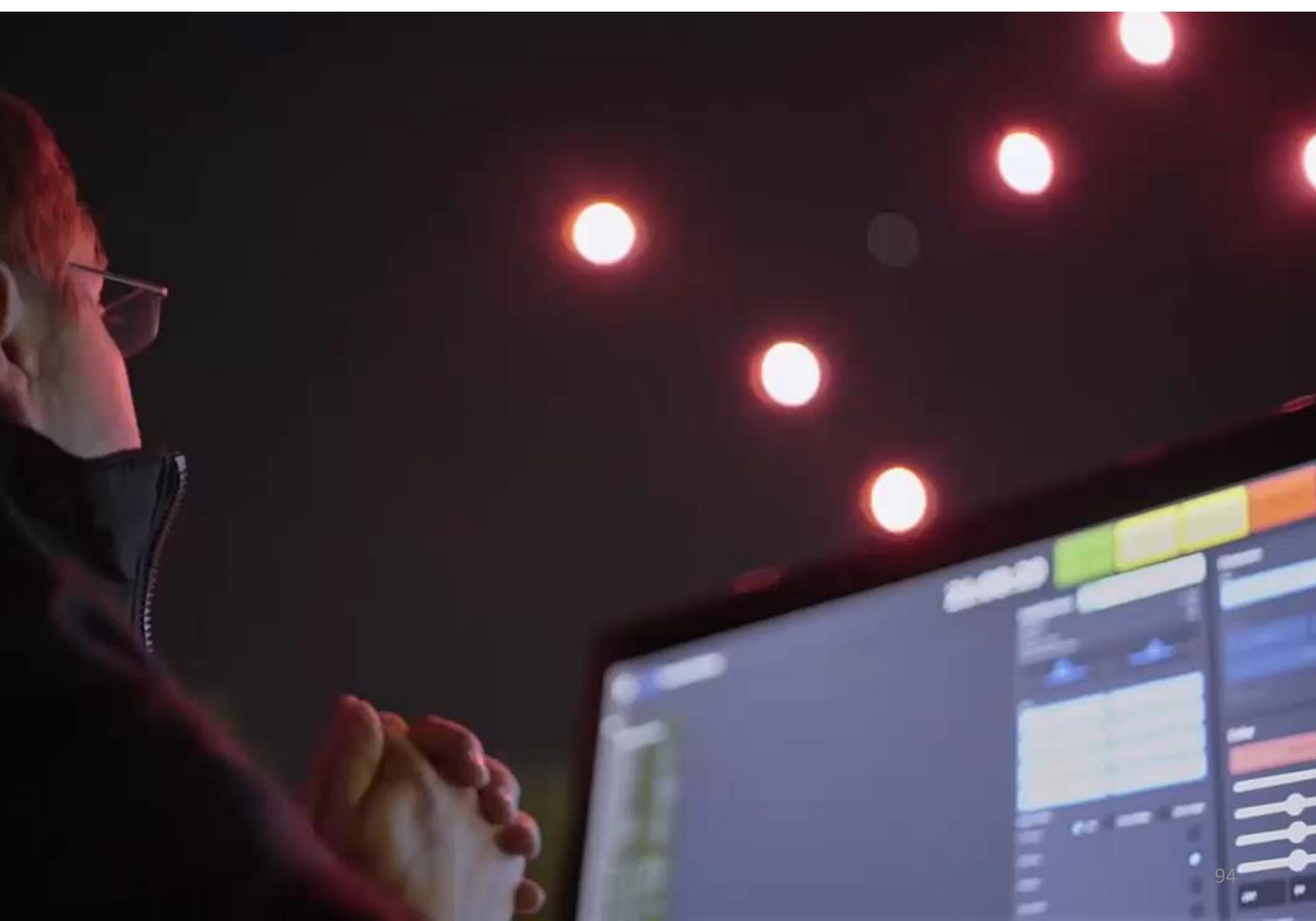
# Klassisches Projektmanagement: Typische Arbeitsschritte im Projekt (2/2)



# Ran Krauss, TED2017: The story of automated drones



# Intel, 2017: Schwarmdrohnen zur Unterhaltung



# Vijay Kumar, TED2016: Agriculture & Drones (Precision Farming)

