

Why we should teach to understandexponential growth

And why corporate entrepreneurship can help to overcome the innovators' dilema

Prof. Dr. Nils Högsdal,

HdM Stuttgart, 30.11.2018



DIGTITALIZATION AND A NEW WORLD AHEAD



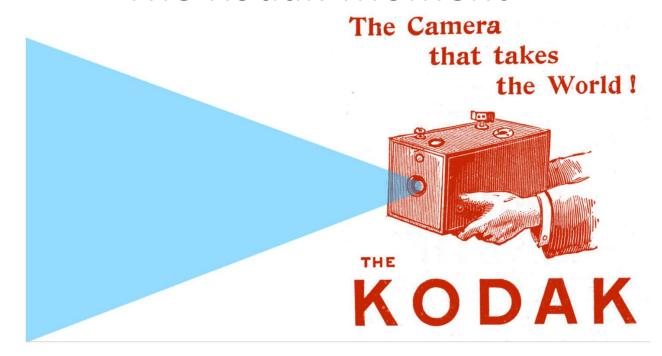
The Kodak-Moment



a rare, one captured by

Aww!.. They moment!

Je



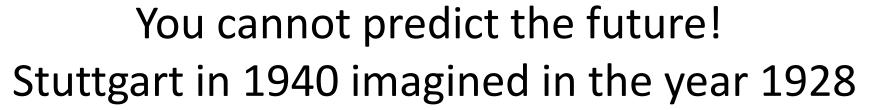
A generation ago, a "Kodak moment" meant something that was worth saving and savoring.

Today, the term increasingly serves as a corporate bogeyman that warns executives of the need

to stand up and respond when disruptive developments encroach on their market.

Unfortunately, as time marches on the subtleties of what actually happened to Eastman Kodak are being forgotten, leading executives to draw the wrong conclusions from its struggles.

Quellen: https://www.urbandictionary.com/define.php?term=kodak%20moment, <a href="https://www.reuters.com/article/banks-face-kodak-moment-as-fintech-disru/banks-face

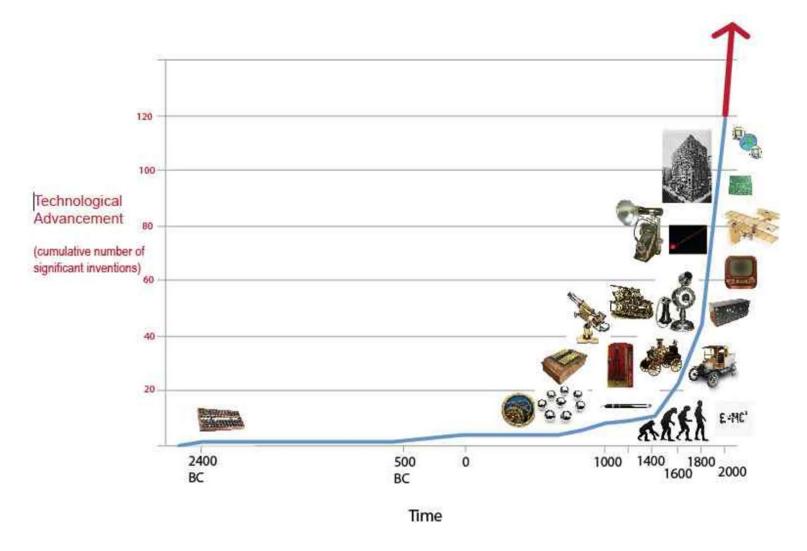












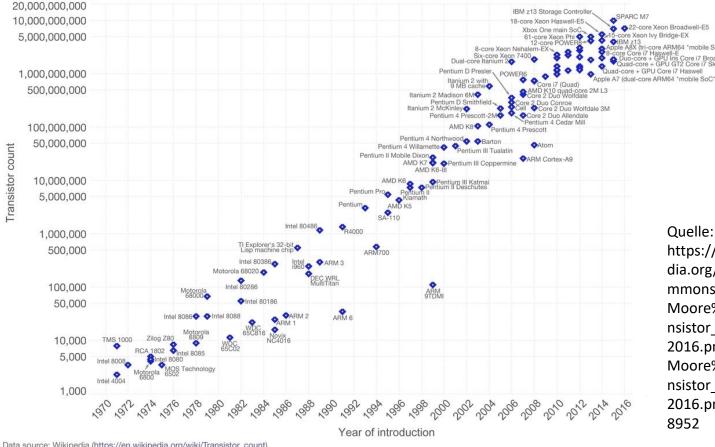
Moore's Law



Moore's Law – The number of transistors on integrated circuit chips (1971-2016)



Moore's law describes the empirical regularity that the number of transistors on integrated circuits doubles approximately every two years. This advancement is important as other aspects of technological progress – such as processing speed or the price of electronic products – are strongly linked to Moore's law.

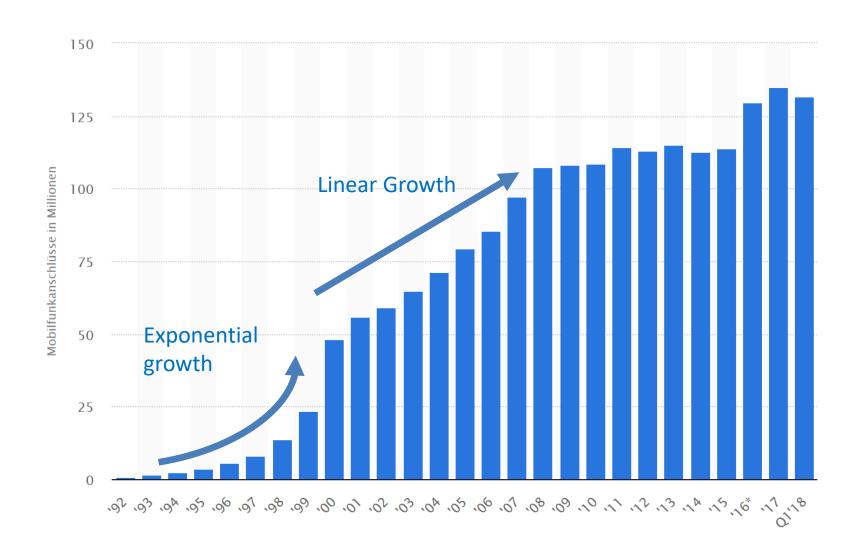


Quelle:

https://upload.wikime dia.org/wikipedia/co mmons/thumb/9/9d/ Moore%27s Law Tra nsistor Count 1971-2016.png/1280px-Moore%27s_Law_Tra nsistor Count 1971-2016.png?153781598 8952

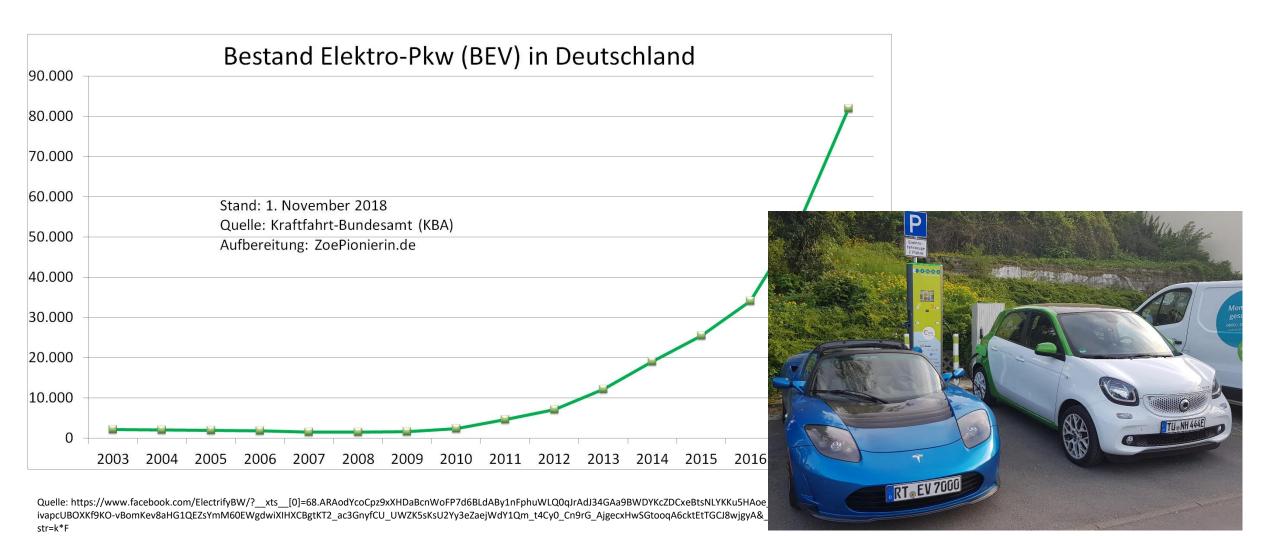
Number of mobile phone subscribers in Germany





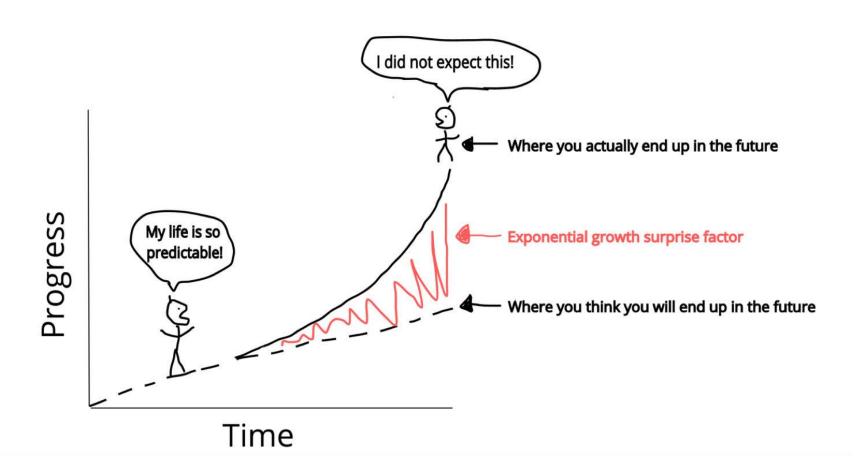
Electric cars will never make it?





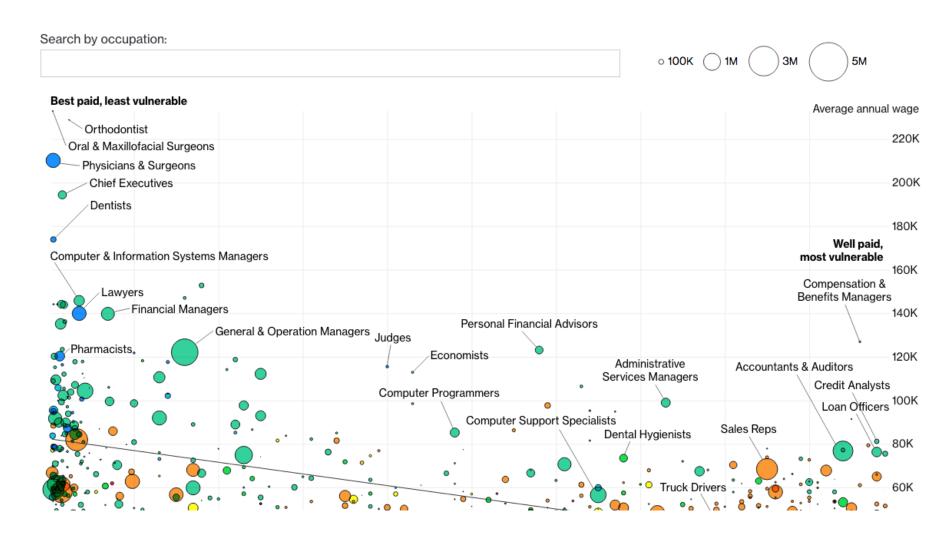
Why it is so tough to understand exponentiell growth





What is happening to us?







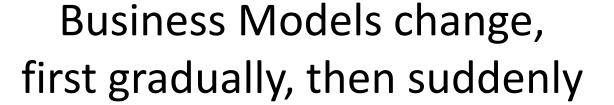




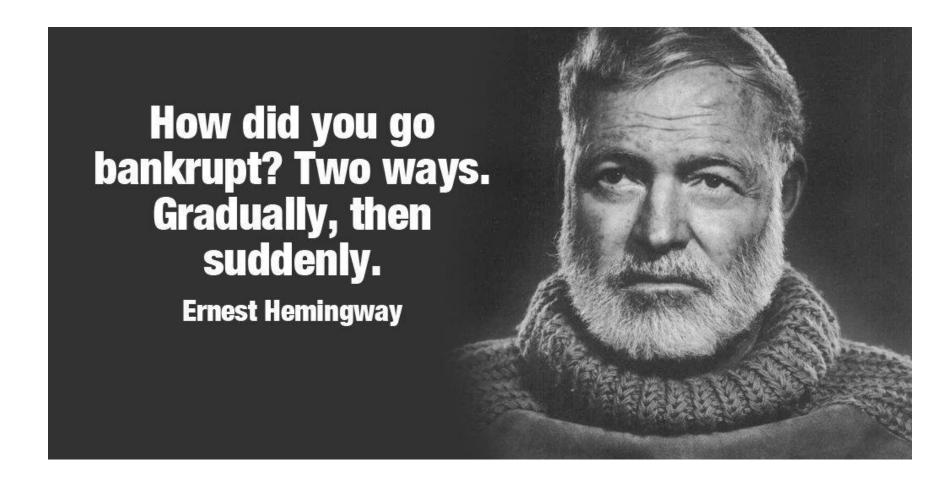
But, where are they, the jobless flight engineers and bank tellers?





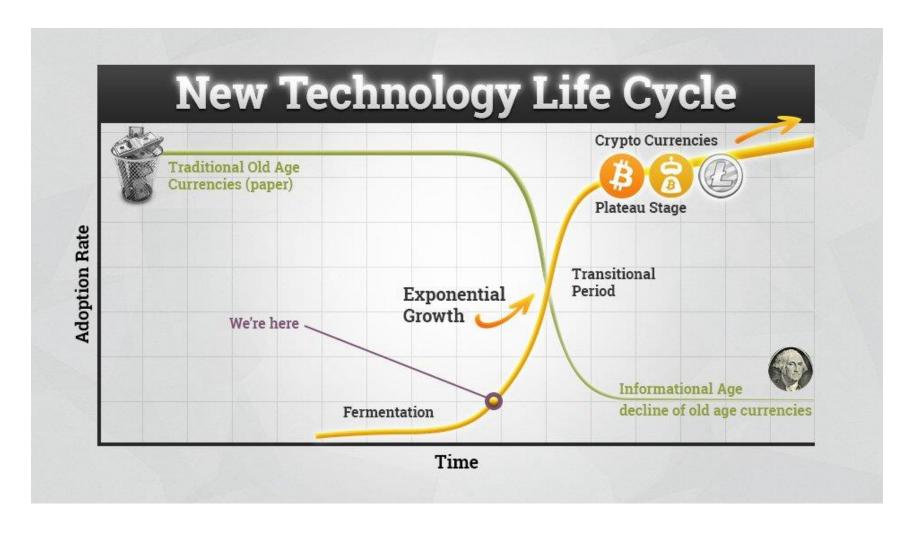








But: there should be enough time to act





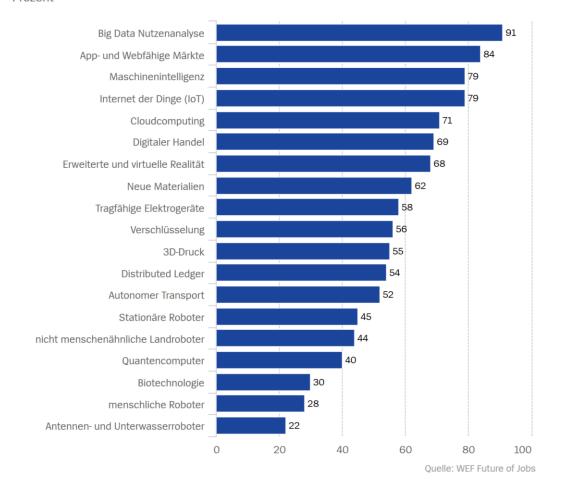
WHAT WE SHOULD TEACH





So digitalisiert wird Deutschland

Anteil deutscher Unternehmen, die technologische Anwendungen bis 2022 nutzen wollen, in Prozent



Quelle:

http://www.spiegel.de/w irtschaft/soziales/studieweltwirtschaftsforummaschinen-verrichtenbald-mehr-arbeit-alsmenschen-a-1228108.html

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Definition: Corporate entrepreneurship

- "Corporate entrepreneurship encompasses two types of phenomena and the processes surrounding them:
 - The birth of new businesses within existing organizations, i.e. internal innovation or venturing, and
 - the transformation of organizations through renewal of the key ideas on which they are built, i.e. strategic renewal."

Source: Guth and Ginsberg, Corporate Entrepreneurship 1990, S.5.

It is not just about startups!



Harvard Business Review (May 2013)

Harvard Business Review



Listen to Customers

During customer development, a start-up searches for a business model that works. If customer feedback reveals that its business hypotheses are wrong, it either revises them or "pivots" to new hypotheses. Once a model is proven, the start-up starts executing, building a formal organization. Each stage of customer development is iterative: A start-up will probably fail several times before finding the right approach.

SPOTLIGHT ON ENTREPRENEURSHIP

Why the Lean Start-Up Changes Everything

by Steve Blank



Founders translate Start-up continues company ideas into business needs, and then create a "minimum viable product" to try out their proposed solution on customers.

to test all other hypotheses and tries to validate customers' interest through early orders or product usage. If there's no interest, the startup can "pivot" by changing one or more hypotheses.



EXECUTION

CUSTOMER

CREATION

to sell. Using

hypotheses, the

start-up builds

demand by rap-

idly ramping up

marketing and

sales spending.

and scales up

the business.

its proven

Business transitions from startup mode, with a customer development team searching for answers, to functional departments executing its model.

COMPANY

BUILDING

What is a startup?

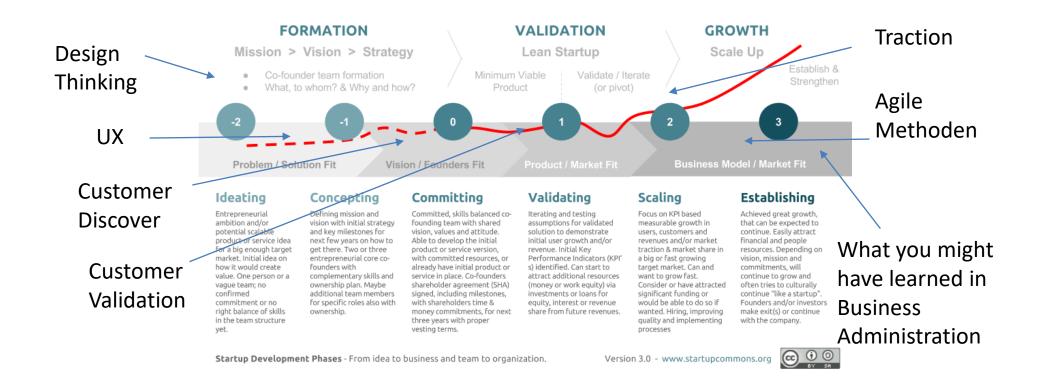


- Definition: a startup is
 - temporary organization designed to search
 - for a repeatable and scalable business model
- Startups Fail Because They Confuse Search with Execute
- The Lean Startup Framework comprises a set of tools and processes aimed at validating hypothesis about customers early while staying agile in the process

Aus: Blank, Dorf: Startup Owners' Manual

Typical tools and methods

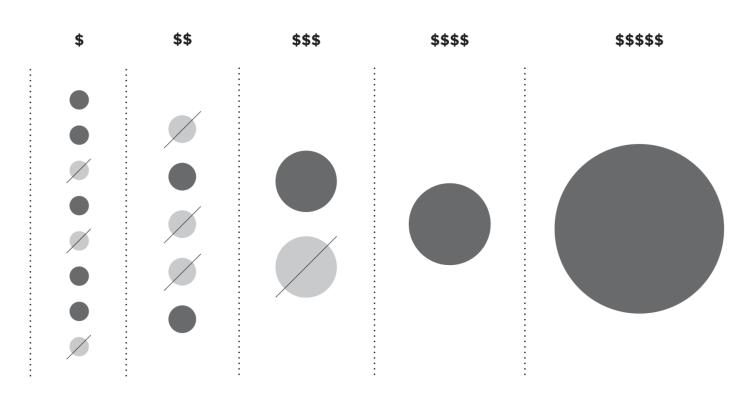








METERED FUNDING



Opportunity identified and approved.

Problem defined. Market sized and validated.

Target segment identified.

Value proposition tested.

Business models constructed.

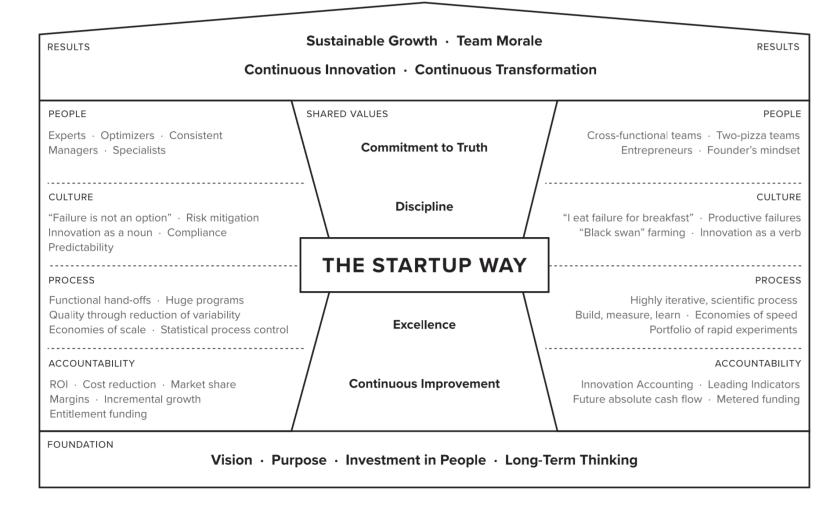
MVPs iteratively tested and refined. Key hypotheses validated.

Scaling.

Full market launch and commercialization.

Overview: Eric Riess "The Startup Way"





GENERAL MANAGEMENT

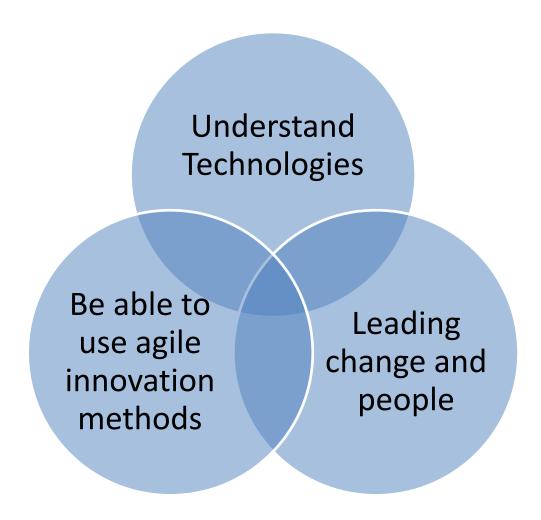
ENTREPRENEURIAL MANAGEMENT

Entrepreneur is not a job title. It is a state of mind of people who want to alter the future.

Guy Kawasaki

Summary: how to prepare for the future and what we should teach











"We need to rethink our strategy of hoping the Internet will just go away."

Quelle: https://medium .com/@vandicla /digitaltransformation-599f5a19c25e

Kontaktdaten



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