



Data = Power

Acxiom - one of the biggest companies you've never heard of

DB with 500 million potential clients – the data obtained from "analysis" of 50,000 billion "transactions"







Big Data Facts and Figures

- The amount of information stored worldwide in 2014 was 5.8 zettabytes (10²¹) of data; it is expected to grow 50 times by 2020.
- By 2018, the US will have <u>190,000</u> unfilled analytics positions and a shortage of 1.5 million managers and analysts skilled in big data analysis.
- In 2016, more than 80% of Fortune 500 companies are unable to effectively exploit big data.



Extreme Data



The US National Security Agency has built a data centre in Bluffdale, Utah - codenamed Bumblehive - capable of storing a yottabyte of data



Wi-Fi Trash Can

- The trash can designed to collects data from the smartphones of the people passing by
- Installed by Renew, the company cooperating with the "spy agencies" like NSA
- By using 12 spying trash cans, Renew managed to follow
 4 million people over a period of one week



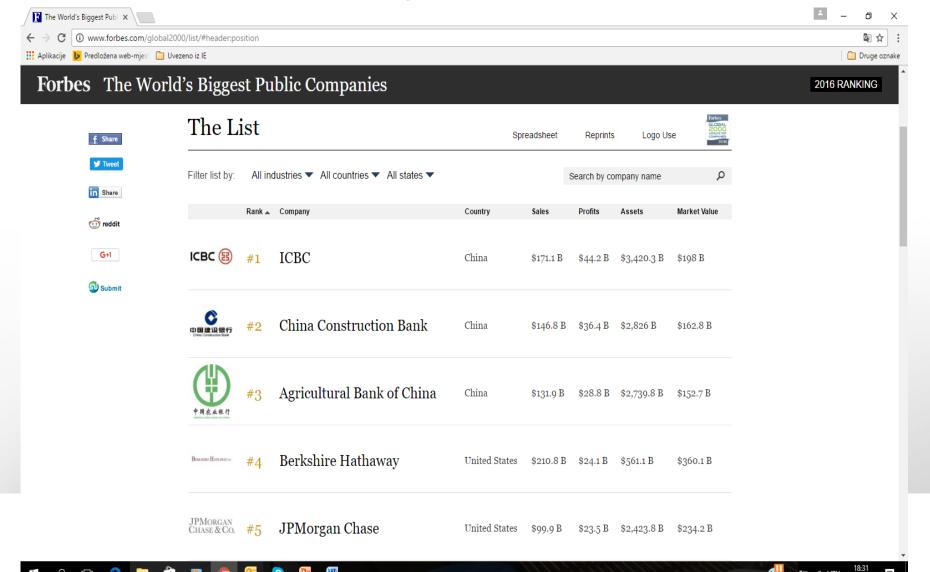


Digital Disruption

- Banking is necessary, but banks are not!
 - Tom Peters
- Disruptive business models: How to become "Uber" and "Airbnb" in your industry?
- The corporation is not likely to survive the next 25 years. Legally and financially yes, but not structurally and economically.
 - Peter Drucker
- New Models are based on New Values



Who Runs the World? Money and Information





Banking Is Necessary, Are Banks?

- Apple pay
- Google walet







- Samsung smart pay
- Facebook "friend to friend payments"
- Facebook banking from Deniz Bank, Turkey
- PayPal on ebay









Money Is "Data"

Bitcoin and still 744 other



Total Market Cap: \$12,209,296,435

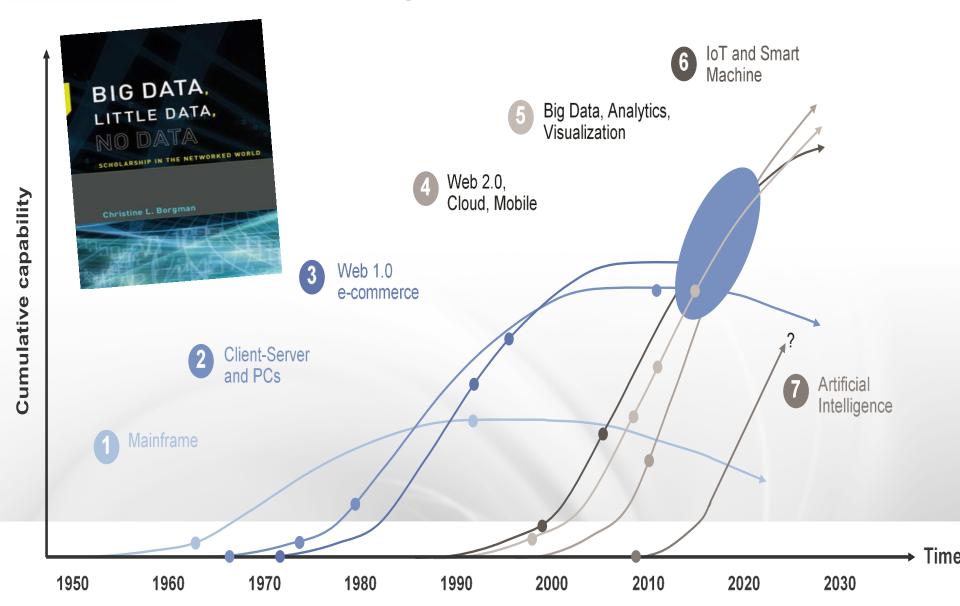
Cryptocurrency Market







Big Data Environment





Big Data Environment



- 3,5 billion people are Internet users, they control 92% of global wealth
- LinkedIn has more than <u>450 million</u> registered users around the world, Facebook <u>over 1,71 billion</u>
- Since May 2015, the number of smart phones exceeds the number of toilets
- Mobile phone payments make for <u>620 billion</u> US\$ globally
- By 2020 robots will replace tellers



Big Data Environment



- In the US, young lawyers already don't get jobs. You can get legal advice by IBM Watson within seconds, with 90% accuracy (70% accuracy when done by humans)
- There will be <u>90% less laywyers</u> in the future, only specialists will remain
- By 2020 60% of "things" will be <u>Internet of Things</u>
- In 2016 first <u>robot receptionist</u> in a Croatian hotel
- Pattern recognition software can recognize faces better than humans



Change in Values Needed

The story of five monkeys



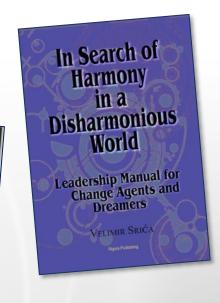
• You cannot solve the problems by the same thinking that created them (A. Einstein)

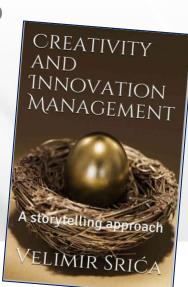


What New Values?

- What is Abundance Mentality?
- What is Scarcity Mentality?
- What is Limited Resources Theory?
- What is Real Win-Win?
- What is Circular Economy?
- What is Cradle to Cradle?
- What is Open Source?
- What is Free Software?









Examples of New Values

- Wikipedia, Free Apps
- Filantropy (Buffet, <u>Zuckerberg</u>, Gates, Cook, Ellison, Goetz...
- MOOC (<u>Coursera</u>, EdX...)
- No hierarchy, only "associates"
- Crowdsharing (airbnb, uber, <u>BlaBlaCar</u>...)
- Crowdfunding (Kickstarter, IndiegoGo, <u>Tubestart</u>...
- Crowdsourcing (<u>Clickworker</u>...





Big Data Efficiency

	Encyclopedia Britannica	Wikipedia
Year founded	1768	2001
Articles	65.000	6,86.935
Languages	1	271
Words	40 million	3 billion
Updated	Annually	Real time
Mistakes per article	2.92	3.86
Cost	\$729	free



Shift in Goals

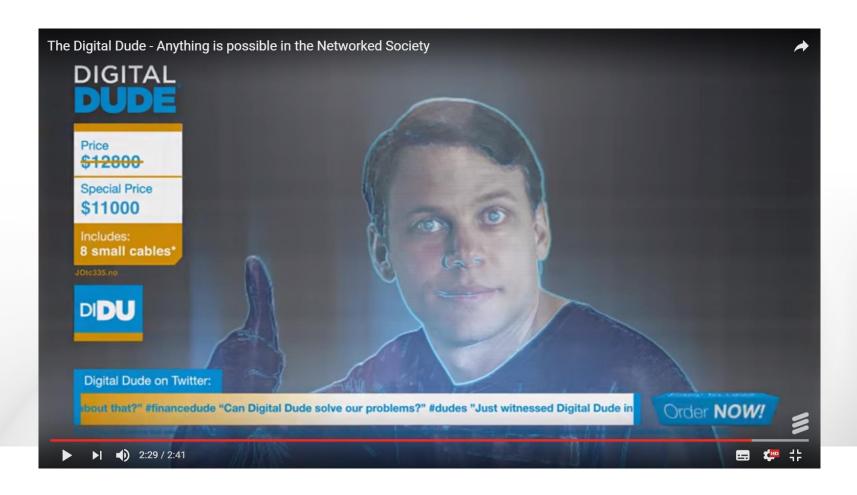
- Profit
- Market share
- Growth

- Satisfied employees
- Satisfied clients
- Satisfied team-mates
- Happy stakeholders and environment
- Overall harmony





Or Maybe Not: The Digital Dude





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Want more?