

Al Knowledge Work: \$25 Trillion/10 years



Marketing, ERP, Big Data, Smart Assistants

Internet of Things: \$15 Trillion/10 years



100 Billion devices by 2025
Cars, Appliances, Cameras, Meters, Wearables, etc.

http://www.forbes.com/sites/gilpress/2014/08/22/internet-of-things-by-the-numbers-market-estimates-and-forecasts/

Robot Manufacturing: \$10 Trillion/10 years



Health Care: \$10 Trillion/10 years



Robot surgery, medical records, Al diagnosis

Self-Driving Vehicles: \$10 Trillion/10 years

Disrupt Dealers, Insurance, Parking, Finance, Trucking, Taxis
10 million jobs



WinSun 3D printed 12,000 sq ft villa



US Building construction: \$1 Trillion/yr 5.8 million employees













Venture Scanner: 1630 Al Startups \$12.2 Billion















Superintelligent AI explains Softbank's push to raise a \$100BN Vision Fund

Posted Feb 27, 2017 by Natasha Lomas (@riptari)



















Next Stor



Crunchbase

SoftBank

FOUNDED 1981

OVERVIEW

SoftBank is a multinational telecommunications and internet corporation focused on broadband, fixed-line telecommunications, e-commerce, internet, technology services, finance, media and marketing, and other businesses. The company operates through four major segments. The mobile communications segment provides mobile communications services; produces and distributes online games for smartphones ...

LOCATION

Tokyo, 40

CATEGORIES



Technological Unemployment Increasing Inequality
Propaganda and Manipulation

Al Military

Lethal Autonomous Weapons
Robot Terrorism
Decreased Barriers to War

Al Society

Expanded Governance
Expanded Laws
Expanded Enforcement

Technological Unemployment?

MCN

CANAGE



April 27, 2017

CNBC



May 4, 2017

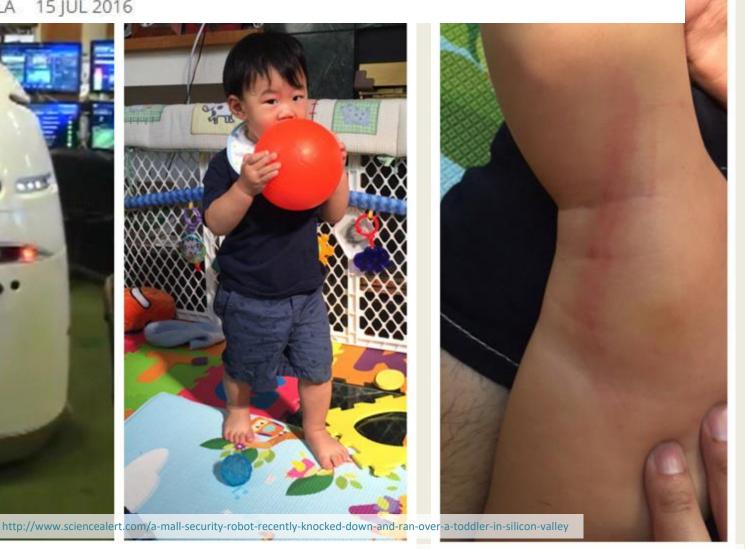
A mall security robot has knocked down and run over a toddler in Silicon Valley

Breaking Asimov's first law.

JOSH HRALA 15 JUL 2016









Pedestrian Chicken

"We jokingly play chicken with them when we're trying to cross the street," he said. "You see one about to make a right turn at a light, and they're obviously trying to decide if we're going to step into the street or not. It's so tempting to sort of step toward the curb, which makes the car stop instantly and wait for you to go, except you don't go.

"We're just messing with it," he said, "to see what it'll do."

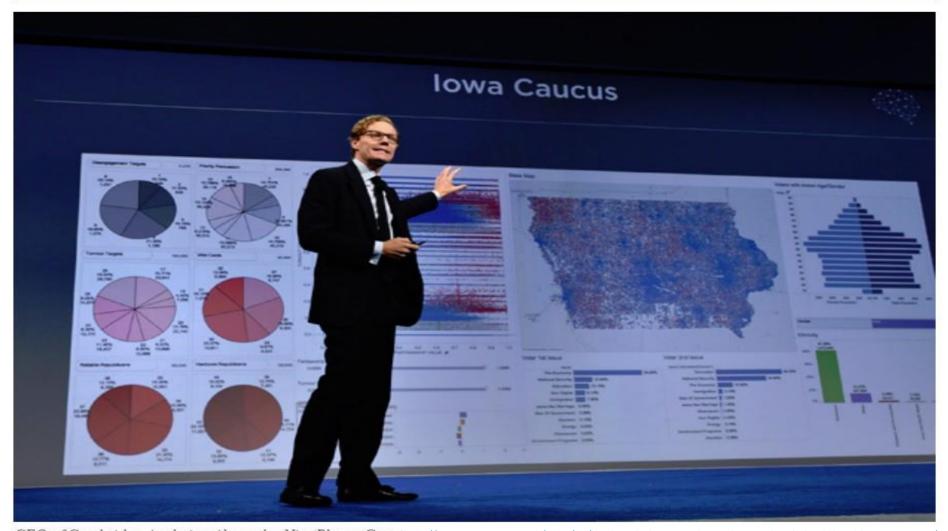
- Zandr Milewski



The British data-crunchers who say they helped Donald Trump to win

Are Cambridge Analytica brilliant scientists or snake-oil salesmen?

Paul Wood



CEO of Cambridge Analytica Alexander Nix (Photo: Getty http://www.spectator.co.uk/2016/12/the-british-data-crunchers-who-say-they-helped-donald-trump-to-win/

Personal Tech

TV anchor says live on-air 'Alexa, order me a dollhouse' – guess what happens next

Story on accidental order begets story on accidental order begets accidental order



7 Jan 2017 at 00:58, Shaun Nichols

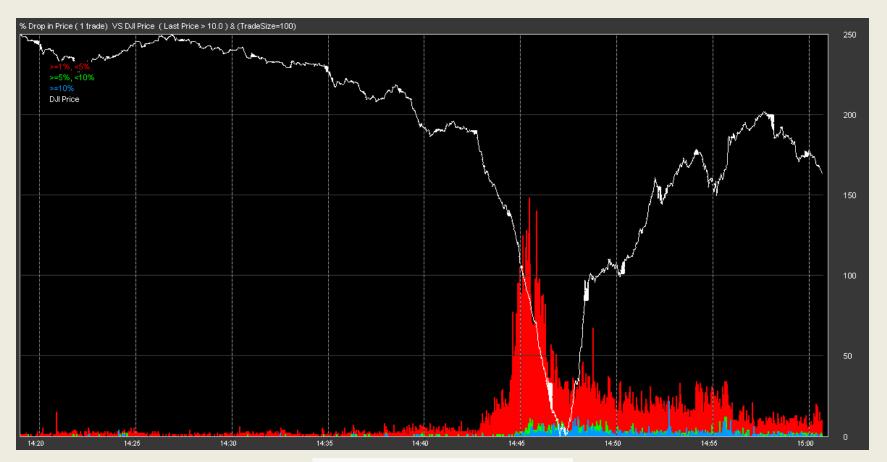








2010: Trillion Dollar Flash Crash



http://www.nanex.net/20100506/PercDrop1.png

Dow Industrials lost 9% in 36 minutes

Today: 50% of trades are automated HFT



Serial Bugs

Parallel Bugs

Security Bugs

Hardware Bugs

Memory Leaks, Dangling Pointers, Conversion Errors

Deadlocks, Race Conditions

Bad Encryption, Buffer Overflow

Rowhammer, Drammer, Instruction Cache Leaks

Machine Learning Bugs

Adversarial Examples, Inscrutable Behavior

Al Goal Bugs

Unintended Consequences, Basic Al Drives

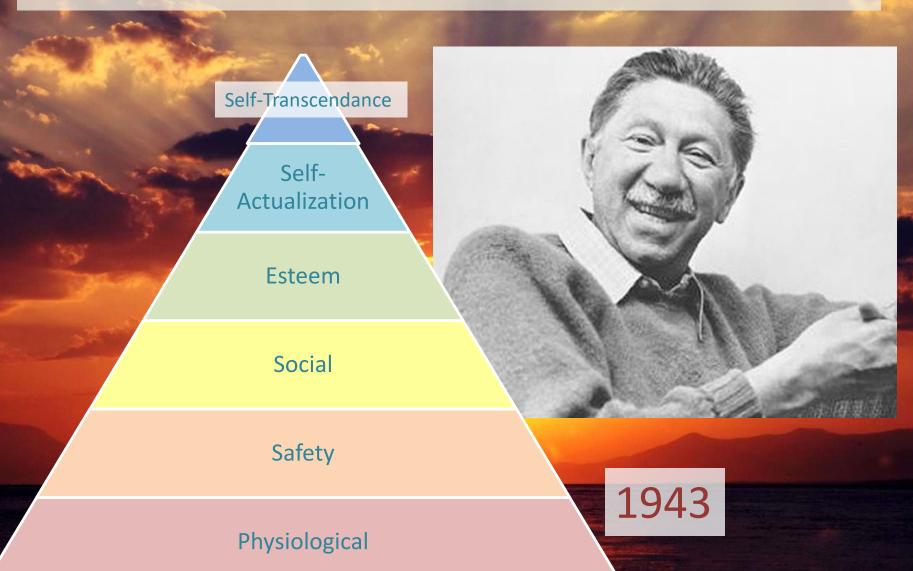
Al Governance Bugs

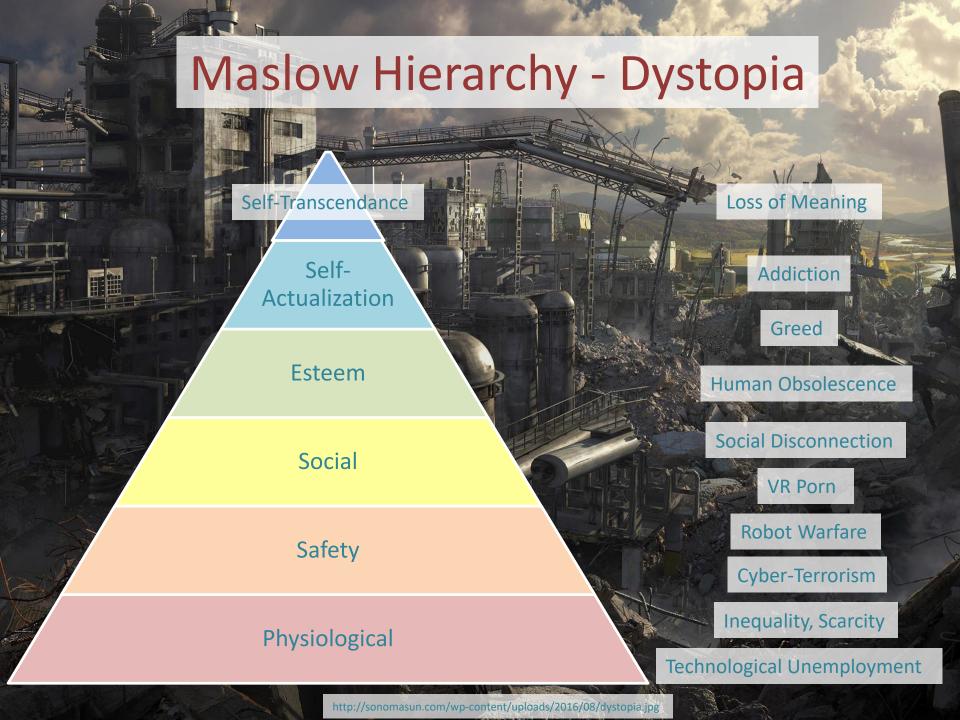
Loopholes, Manipulations

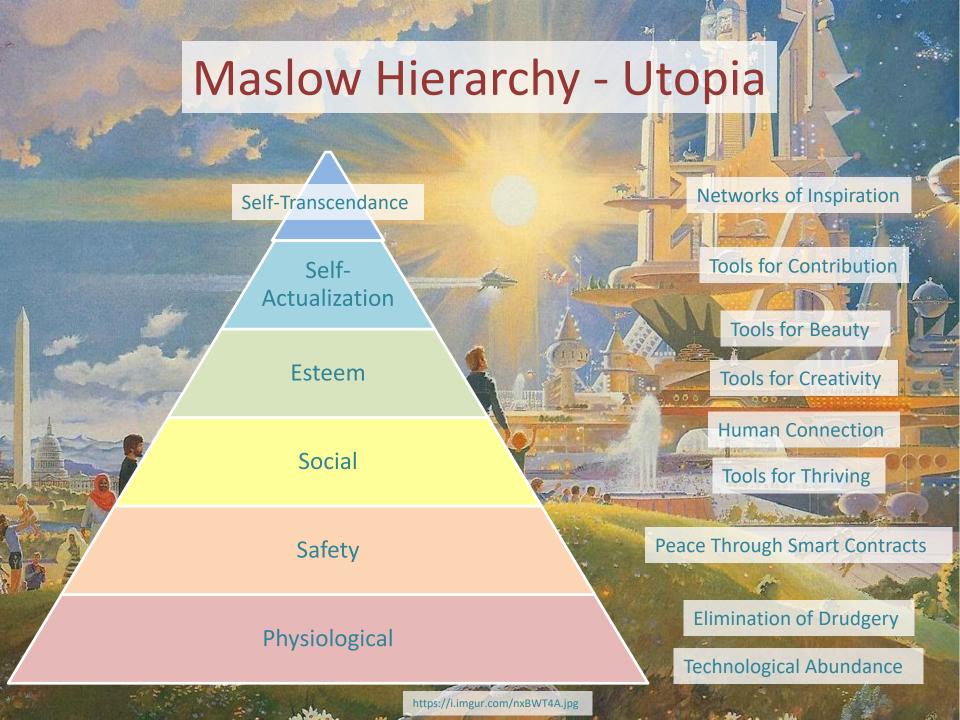
Collective Al Bugs

Crashes, Long Tails, Black Swans

Maslow Hierarchy of Human Needs









BENEFICIAL AI 2017

ASILOMAR AI PRINCIPLES

These principles were developed in conjunction with the 2017 Asilomar conference (videos here), through the process described here.



https://futureoflife.org/bai-2017/

Al and Human Safety

