2025: MULIGHETER I TÅKA

VI KAN IKKE STOPPE BØLGEN.
MEN VI KAN LÆRE Å BRUKE DEN.

SILVIJA SERES

Enter AI!

Iphone moment
of Chat GPT

HYPE?

VUCA WORLD
Volatile
Uncertain
Complex
Ambiguous

World's Largest Companies by Market Cap
Accurate as of July 29, 2016 (10:50am ET)

Apple	$567.75 billion
Alphabet	$546.49 billion
Microsoft	$445.14 billion
Amazon	$366.95 billion
Facebook	$364.26 billion

Slate

4th Industrial Revolution

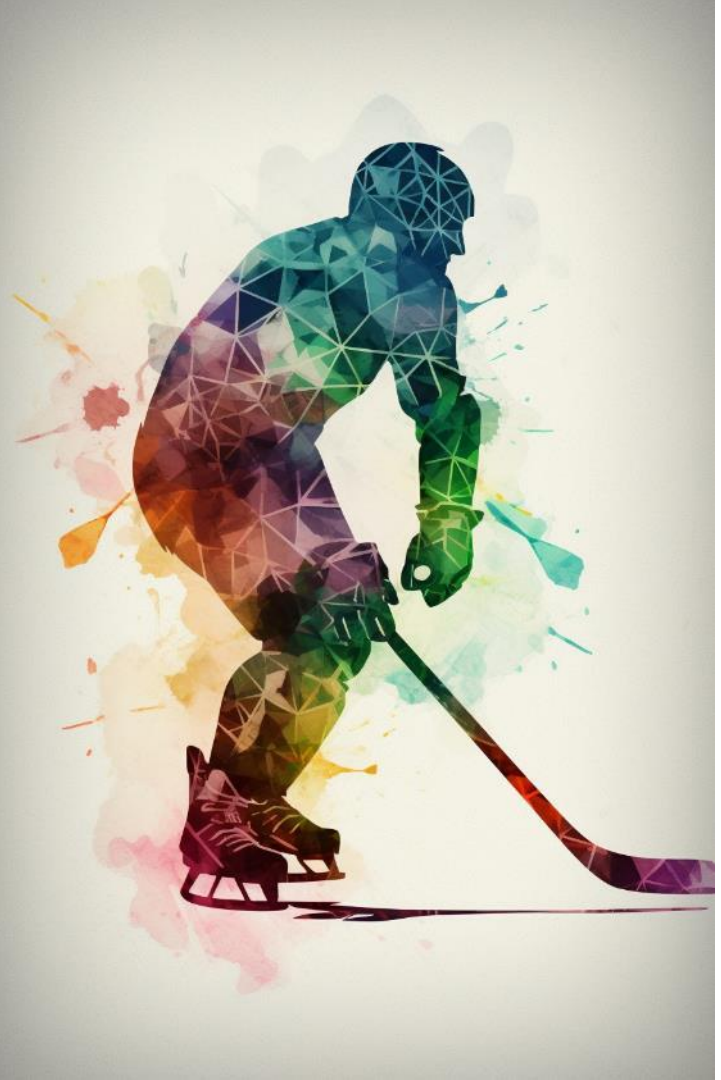## Navigating the next industrial revolution

WORLD ECONOMIC FORUM
COMMITTED TO IMPROVING THE STATE OF THE WORLD

Revolution		Year	Information
⚙	1	1784	Steam, water, mechanical production equipment
💡	2	1870	Division of labour, electricity, mass production
🖥	3	1969	Electronics, IT, automated production
🧠	4	?	Cyber-physical systems

Chaos Theory => Rethink Strategy

Wayne Gretzky Rule
Willie Sutton Rule
JML Rule

Megatrends or a new paradigm?

Inflation
Interest rates
Debt vs growth
Climate crisis
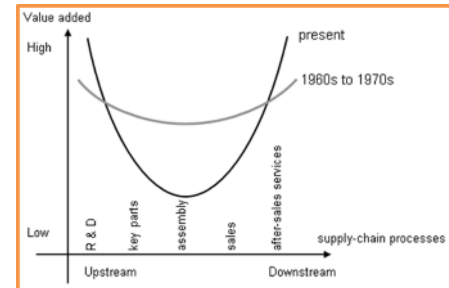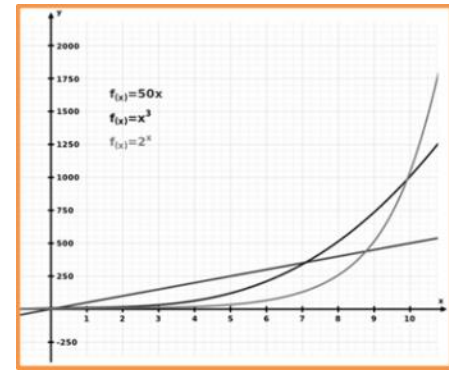Energy crisis
Security crisis

China
Supply chains
AI

The big 4IR Delta:
- exponential
- polarising
- combinatorial

Right now: 12 Gutenberg moments

AI, big data

Robotics, automation

Biotech, bioinformatics

Energy, smart cities

3D printing, nanotech

Networks, sensors, IOT

Digital medicine

Fintech, regtech, edtech

VR and AR

Genetics

Transport and drones

Blockchain

Two nerd laws:
- Moore's Law
- Amara's Law

Two methods:
- API
- DevOps

History of AI

The first conference

The AI winters

The games:
- chess
- jeopardy
- go

DARPA challenges

1956 Dartmouth Conference:
The Founding Fathers of AI
John MacCarthy · Marvin Minsky · Claude Shannon · Ray Solomonoff · Alan Newell
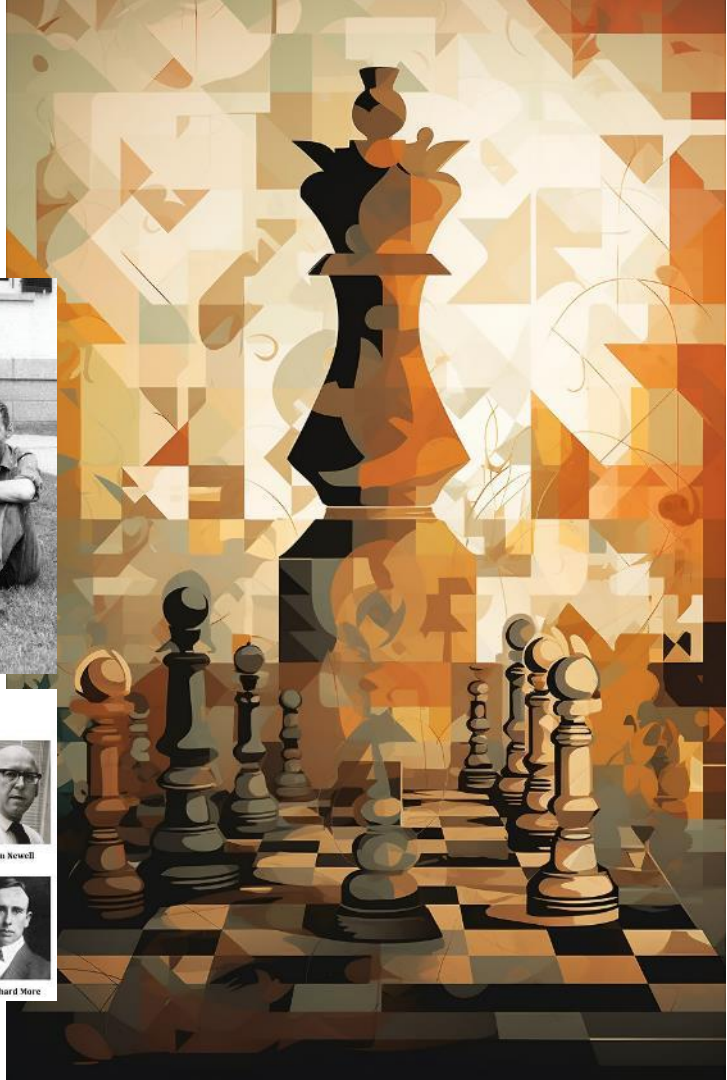Herbert Simon · Arthur Samuel · Oliver Selfridge · Nathaniel Rochester · Trenchard More

Says who?

Quotes from luminaries

Stephen Hawking

"Success in creating AI would be the biggest event in human history. Unfortunately, it might also be the last unless we learn how to avoid the risks."

Bill Gates

"The development of AI is as fundamental as the creation of the microprocessor, the PC, the Internet, and the mobile phone. It will change the way people work, learn, travel, get health care, and communicate with each other."

Jensen Huang

"20 years ago, all of this [AI] was science fiction. 10 years ago, it was a dream. Today, we are living it."

"Software is eating the world, but AI is going to eat software."

11

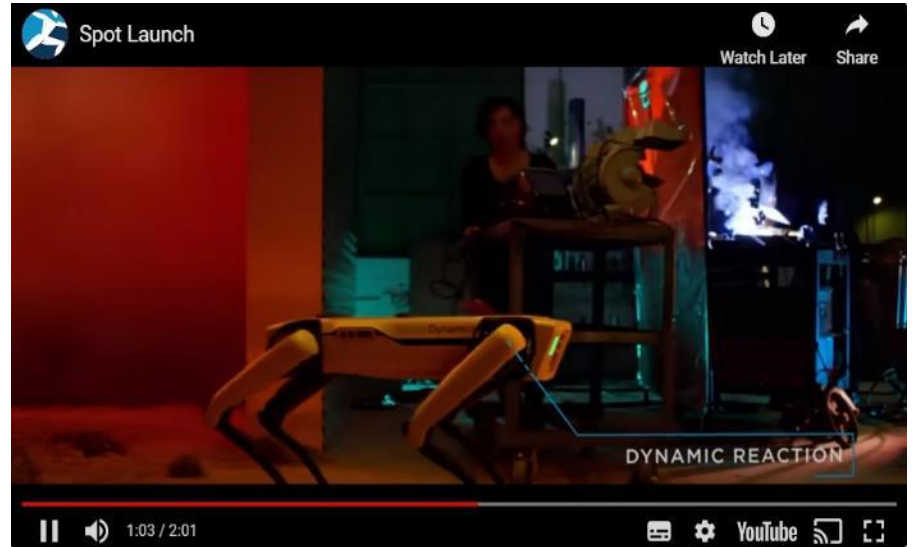# Examples of AI

Chihuahua or muffin?
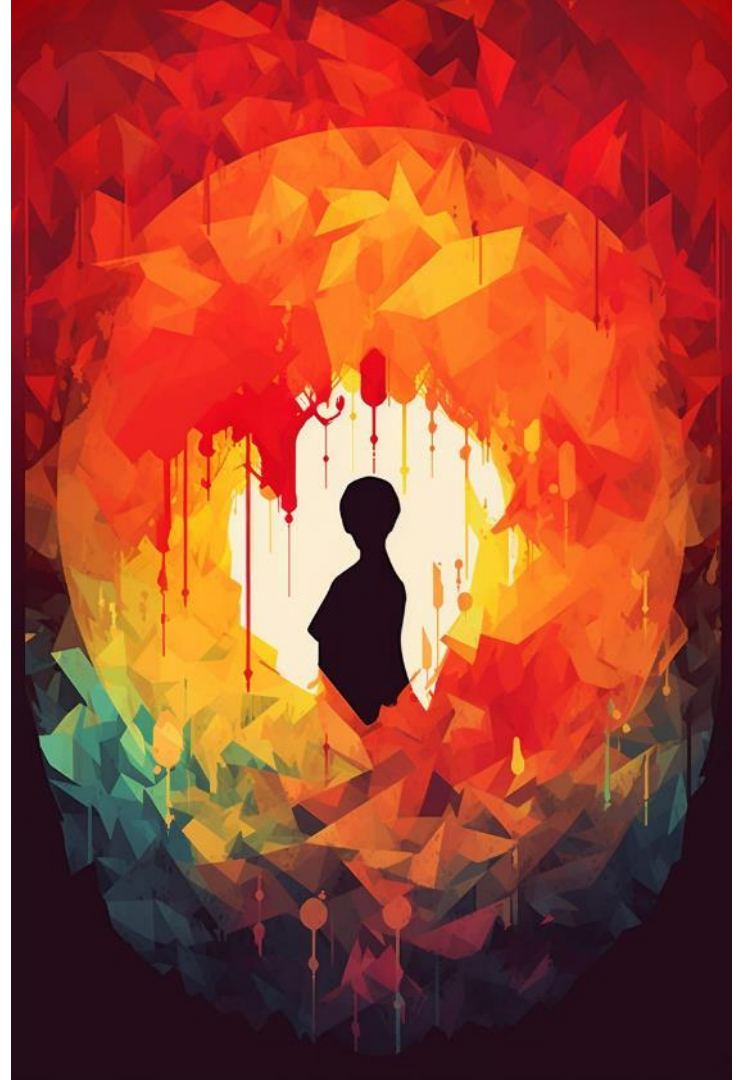
Examples of AI

Breakout via tunnel?

Examples of AI

Boston Dynamics
Spot & Atlas

Dealing with the new world order
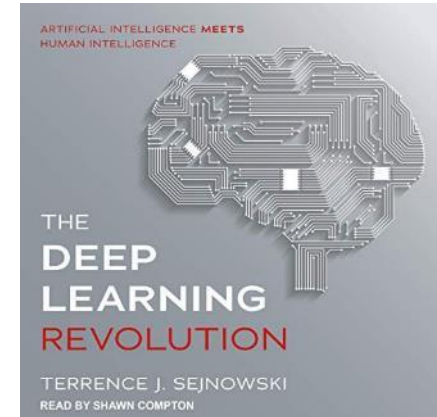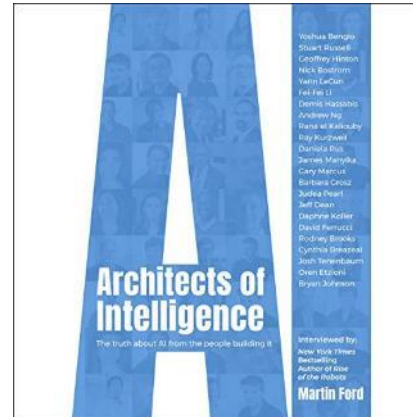
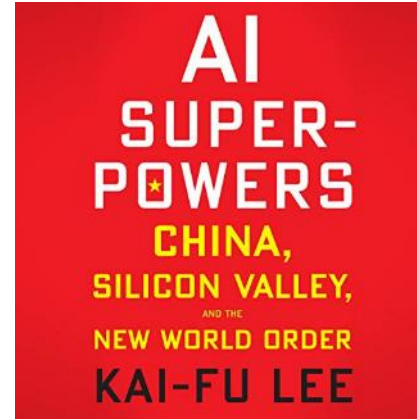Ray Dalio
Tom O'Reilly
Jaron Lanier

New hybrid work and
New lifelong learn

Former Secretary of Education Richard Riley has been quoted saying the top ten jobs that will be in demand in 2010 did not exist in 2004.

Books on AI

AI SUPER-POWERS
CHINA, SILICON VALLEY, AND THE NEW WORLD ORDER
KAI-FU LEE

Architects of Intelligence
The truth about AI from the people building it
Martin Ford

ARTIFICIAL INTELLIGENCE MEETS HUMAN INTELLIGENCE
THE DEEP LEARNING REVOLUTION
TERRENCE J. SEJNOWSKI
READ BY SHAWN COMPTON

Q&A and Thank You

➜ **Questions or clarifications** on any aspect of the presentation.

➜ **Thank you** for your attention, engagement, and participation.

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Nextbook.me for more than 600 books on AI

Nextpaper.me for 35 applied AI playbooks