

Capital Markets Day July 2021 How Al is powering the fourth industrial revolution

SIMON GREENMAN PARTNER, BEST PRACTICE AI

www.bestpractice.ai

- 25+ years of international innovation and transformation leadership experience in B2B and B2C
- Co-founder of early internet brand MapQuest.com
- Co-Chair Harvard Business School Angels, DN Capital advisor, and AI Expert in Residence at Seedcamp
- MBA from HBS and BA in AI from Sussex University, UK
- Member World Economic Forum's Global AI Council

WORLD ECONOMIC FORUM

Companion to the Model Al Governance Framework

 Implementation and Self-Assessment Guide for Organizations

Prepared in collaboration with the Info-communications Media Development Authority of Singapore





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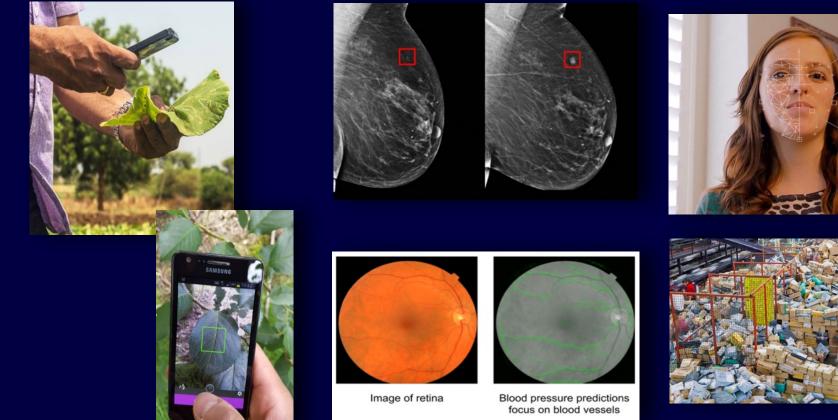
Al is one of the most important things humanity is working on. It is more profound than, I dunno, electricity or fire

SUNDAR PICHAI CEO, GOOGLE



https://in.pinterest.com/pin/800585271248364748/

AI / ML is a GPT that will be woven into the fabric of society with the potential to transform lives, companies, & government



Improving crop yields in India with predictive plant disease diagnosis

Predicting occurrences of diseases earlier and more accurately





Improving corporate performance – security, supply chain forecasting

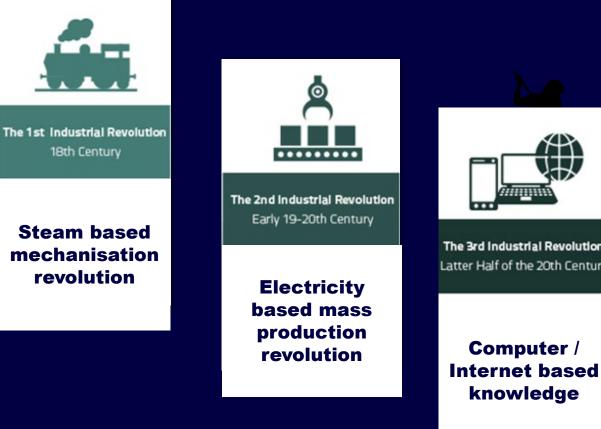
The total global uplift on GDP as a result of AI could be over \$10 trillion by 2030 per PWC





Al is a key technology of the fourth industrial revolution

A hyper-connected, networked and digitized world driven by IoT, big data, AI & ML





The 3rd Industrial Revolution Latter Half of the 20th Century



The 4th Industrial Revolution Early 21st Century-

Big Data / AI / IoT based hyperconnectivity revolution

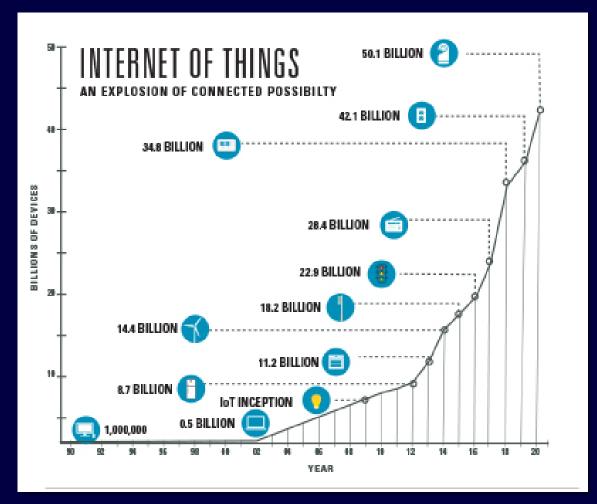
Steam based mechanisation revolution

FOURTH INDUSTRIAL REVOLUTION

DIGITIZATION MEGA TRENDS are the foundation for Al value creation and capture



Exponential growth in IoT and mobile is driving massive increases in big huge data sets



13.6 zettabyes (10²¹) **of data**

collected by IoT connections in 2019

expected to grow to 79.4 zettabytes by 2025

" **Saa** is eating the world"

Software is eating the world

Software as a Service (SaaS)

Low Code or No Code



Marc Andreessen 2011 Andreessen Horowitz.

By 2021, 73% of organizations will be using all or mostly SaaS solutions

Nearly 85% of SMBs have already invested in SaaS

Organizations with 250+ employees use more than 100 SaaS apps. 100% of low-code enterprises have received ROI from their low-code adoption

The global...market is predicted to grow from \$10.3B in 2019 to \$187.0B by 2030

84% of enterprises have turned toward low-code for its ability to reduce strain on IT resources, increase speed-tomarket...

Growth in algorithmic work assignment Software algorithms allocate, optimise, and evaluate work







Is it a **human-centric** algorithm?

87% of companies were committed to creating a workforce ready for the Fourth Industrial Revolution

According to 2017 Deloitte Survey **The (digital) future of** work

> https://www.weforum.org/ag /2018/01/87-of-ceos-say-the fourth-industrial-revolution-v improve-equality-but-are-the ready-for-it/

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The opportunity is to enable many use cases from predictive maintenance to energy optimisation to improved job satisfaction with AI

Healthcare

Reduce unplanned work and improve efficiency across complex environments creating reliability across the patient journey.

Food Retail

Achieve complete visibility, proactively resolve problems, and capitalise on real-time opportunities to delight customers.

Franchise

Deliver customer excellence consistently across distributed sites and gain actionable insights about stock and services.

Pharma

Reduce wastage, ensure quality and compliance with automated alerting, triage and secure audit logs.



Gain visibility, actionable insights and understanding needed to proactively address incidents from a centralised platform.





Thank. You

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