AI, Big Data & IoT Application in supply chain

STEVEN LOH
Lenovo Malaysia – COUNTRY SALES MANAGER (COMMERCIAL)
Malaysia IoT Association – Deputy Chairman

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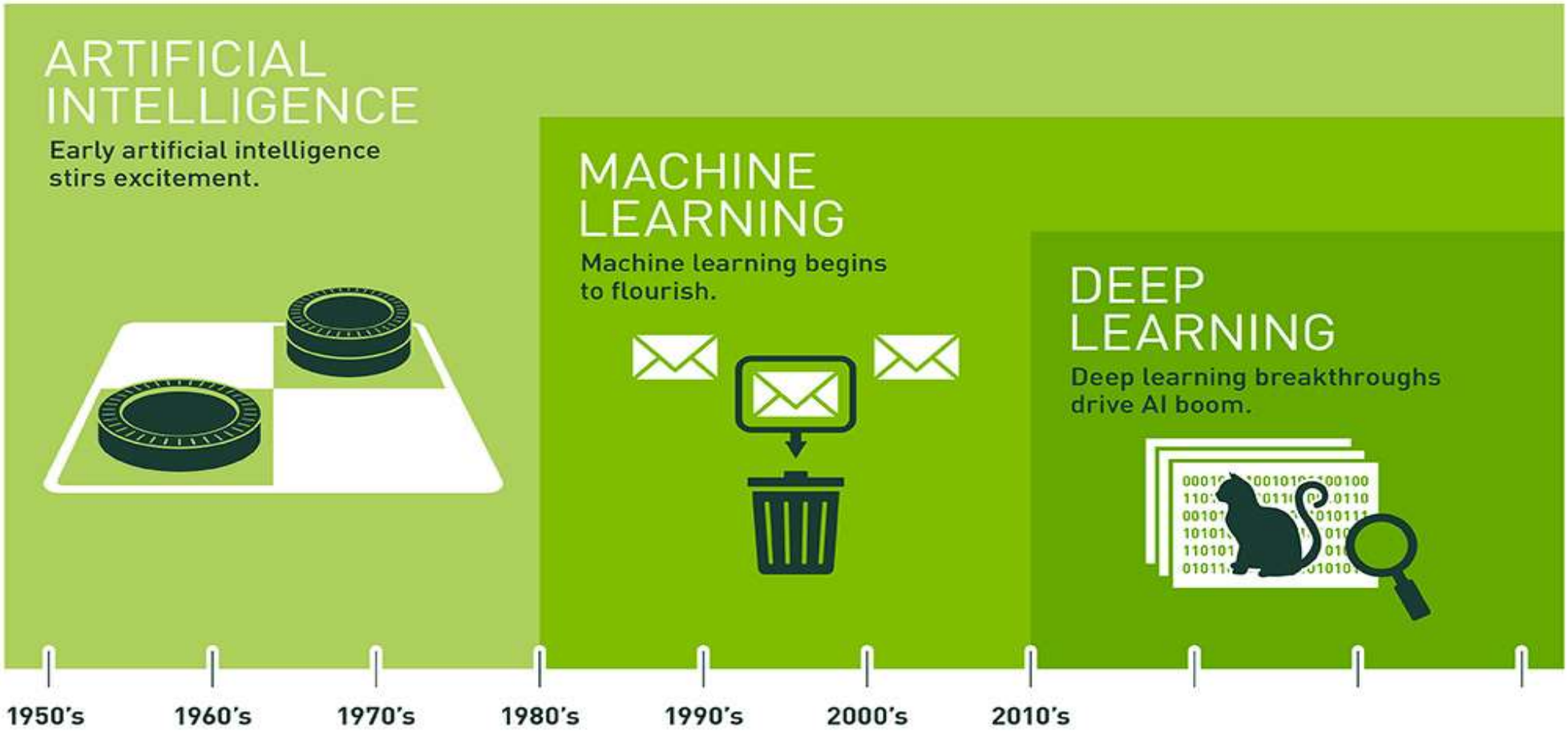
AI

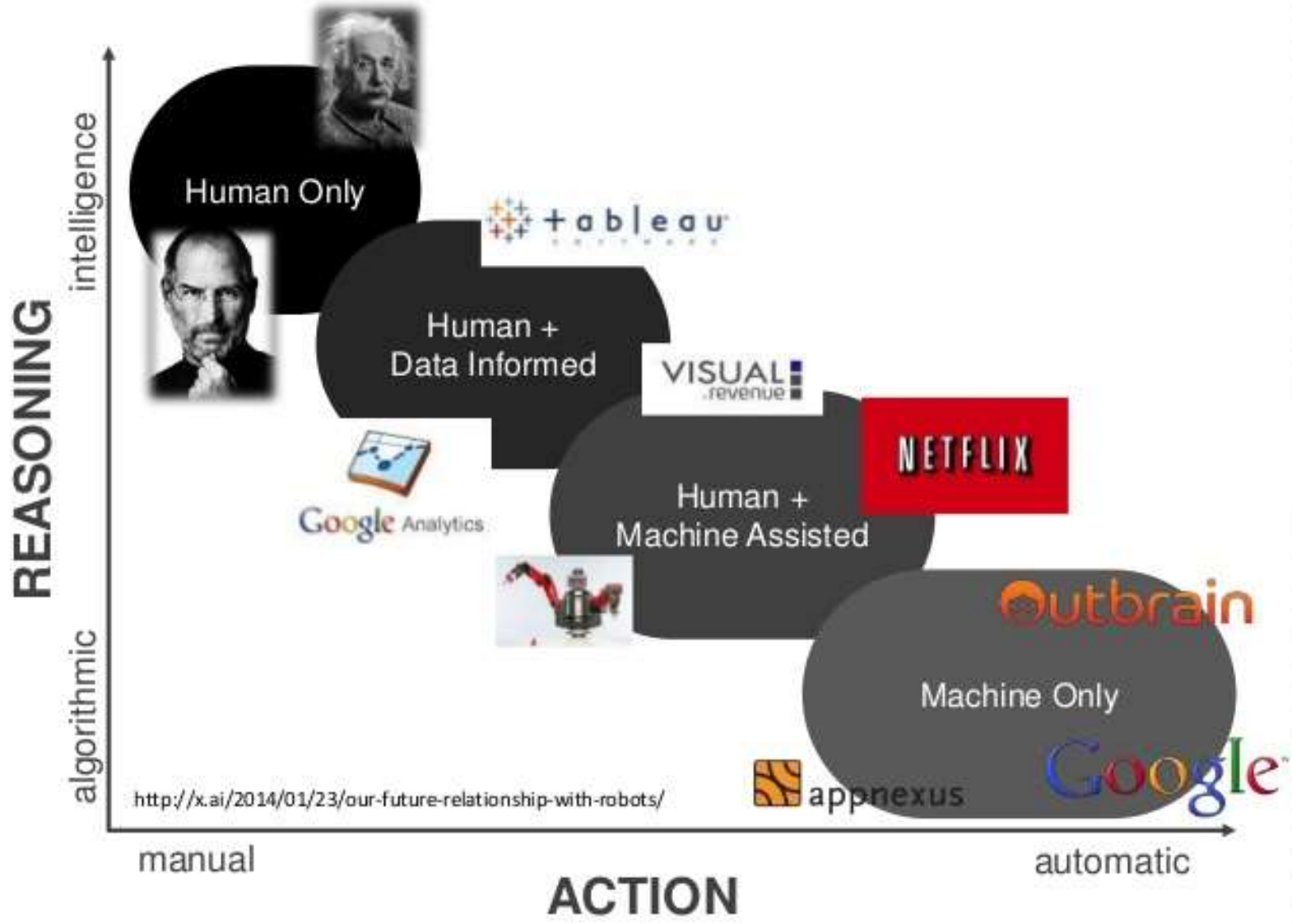
BUSINESS ANALYTICS MACHINE LEARNING

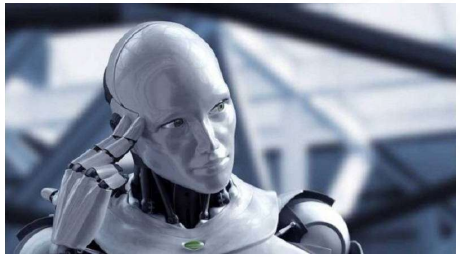
Artificial intelligence (AI)is any form of intelligence shown by a machine, which resembles natural (human) intelligence such as planning, learning, **problem solving**, etc. Machine learning (ML) is the subset of AI. The ability of machines to predict outcomes without being explicitly programmed to do so.

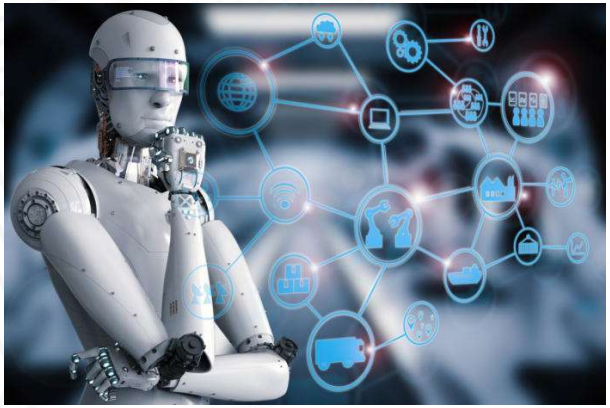
Data is the foundation of every modern marketing plan. What distinguishes some marketing approaches from others is the way that data is collected, how it's leveraged and how effectively it can drive desired outcomes.



Since an early flush of optimism in the 1950s, smaller subsets of artificial intelligence – first machine learning, then deep learning, a subset of machine learning – have created ever larger disruptions.


REASONING
intelligence
algorithmic
Human Only
Human +
Data Informed
Human +
Machine Assisted
Machine Only
tableau
VISUAL
revenue
NETFLIX
Google Analytics
outbrain
appnexus
Google
http://x.ai/2014/01/23/our-future-relationship-with-robots/
manual
automatic
ACTION





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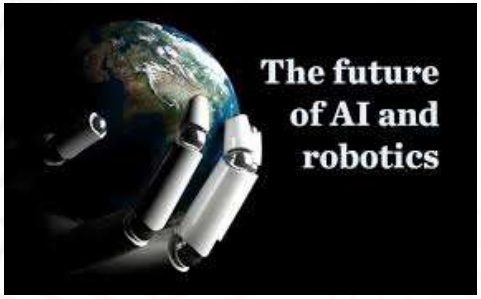
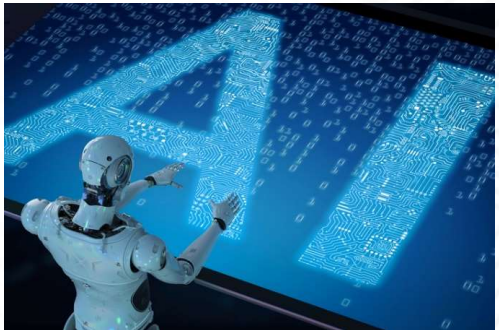
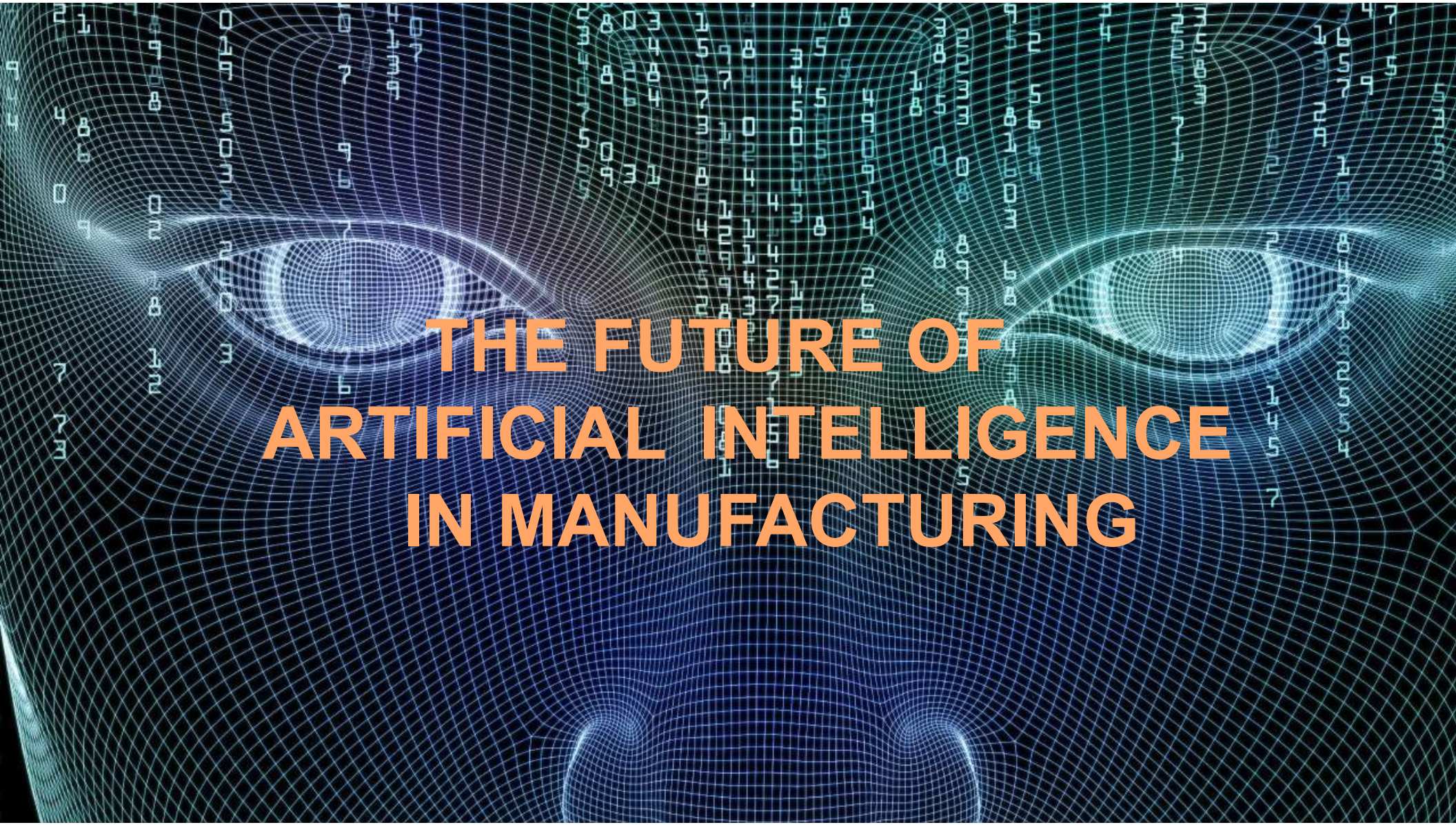
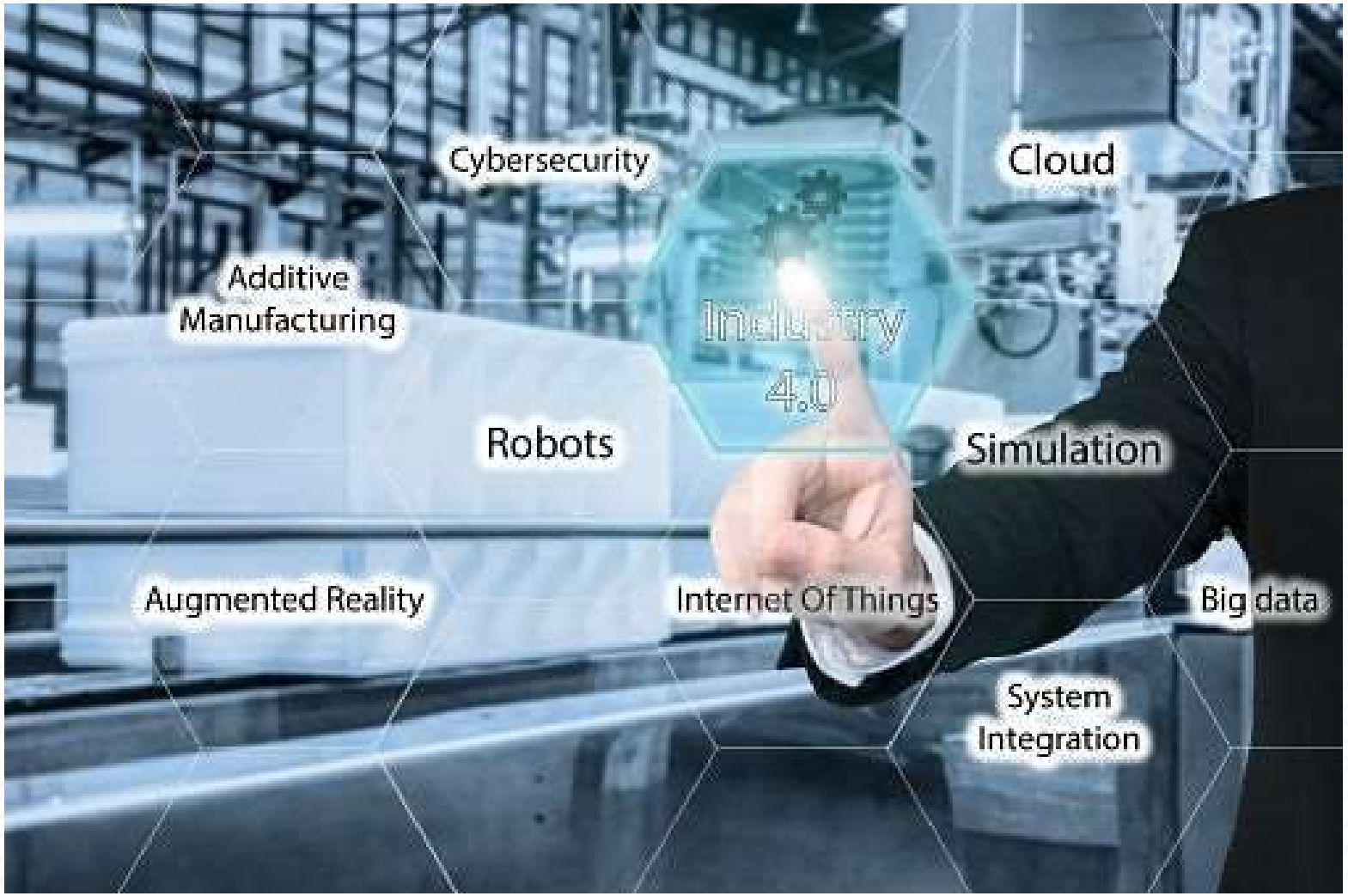

The future
of AI and
robotics




THE FUTURE OF
ARTIFICIAL INTELLIGENCE
IN MANUFACTURING

ARTIFICIAL INTELLIGENCE IN MANUFACTURING – HIGH QUALITY, NEW BUSINESS PROCESS



MANUFACTURING SAFETY

AI CREATES NEW SUPPLY CHAIN MANUFACTURING

FinTech Technology

- Supply Chain Financing
- Optimizing Working capital
- Optimum use of assets

Analytics and Big Data

- Big Answers are important from the Big Data
- Buying Pattern
- Inventory check and fulfillment

Internet of Things

- To Exploit 4 models Manage, Monetize, Operate and Extend beyond IoT
- Organizations to focus on their top assets or processes

Smart Machines

- Era of Artificial intelligence evolving "Machine Helpers"
- Autonomous vehicles, advanced robots, virtual personal assistants and smart advisors

Cloud/Client Computing

- Evaluation of "second-screen phenomenon"
- Mobile and tablet based solutions let vendors check status of material from anywhere

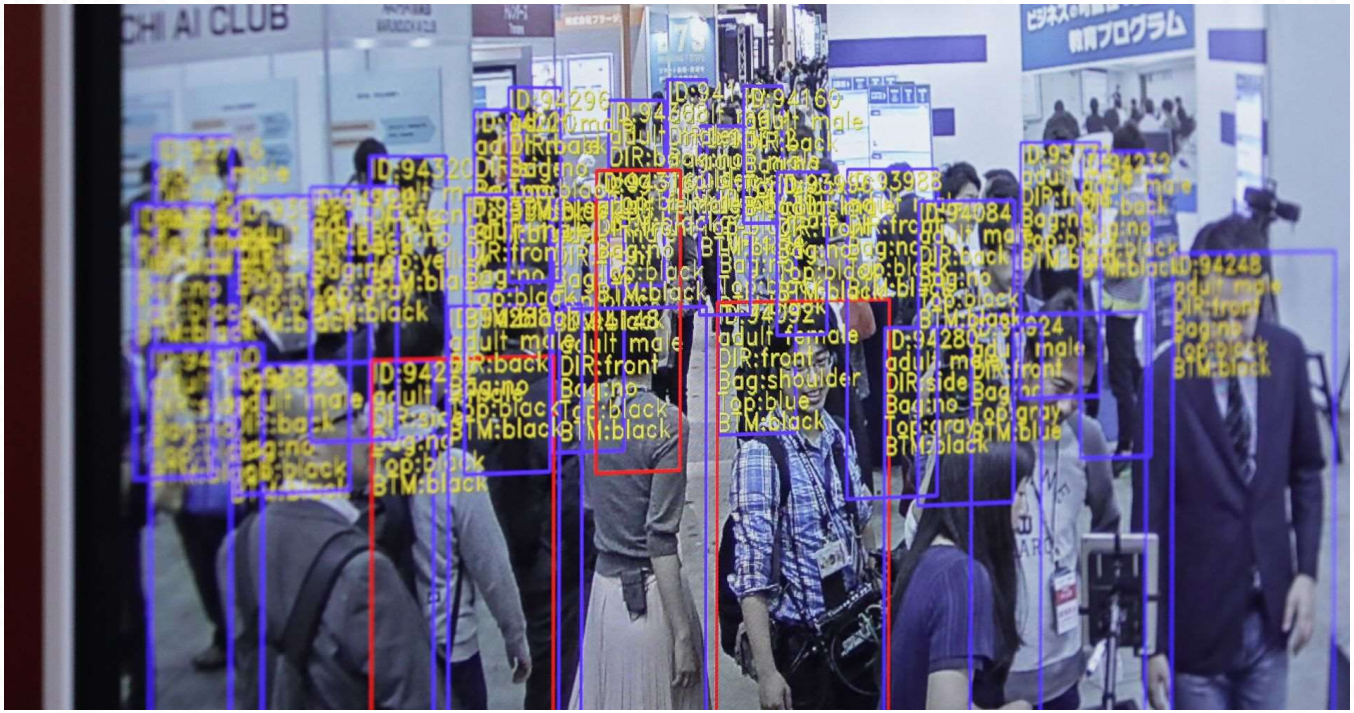
3D Printing

- Also called "Additive manufacturing". Making 3D objects from digital file.
- Shipment expected to grow 98% in future being helpful in cost-effective & short-run manufacturing.

BlockChain

- Use of Bitcoin in payments
- Each Node contains all details related to ledger which lets tracking easy

CHINA INVESTMENT IN A.I



- China's 2030 plan envisions building a $1 trillion A.I. industry
- Investors poured $4.5 billion into more than 200 Chinese A.I. companies between 2012 and 2017
- The biggest A.I. venture deal ever was completed last month when Alibaba led a $600 million deal for China-based facial-recognition start-up SenseTime

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