



DATA POWERED INNOVATION

Arne Rossmann, 2024-09-20



:~\$ WHOAMI



- 11+ years at Capgemini
- Since 2024/04 located in Göteborg, Sweden
- Go-To-Market Lead AUTO + MLS for I&D Sweden
- Chief Architect Data & AI for Intelligent Industry
- Dad of a ~2.5y old son
- Apart from the desk: be active (running, hiking, cycling, ...) with / without dog
- Love to code (Smart Home, ...)
- Photography
- Cooking
- Vinyl (LPs)



DRUG DISCOVERY WITH AI





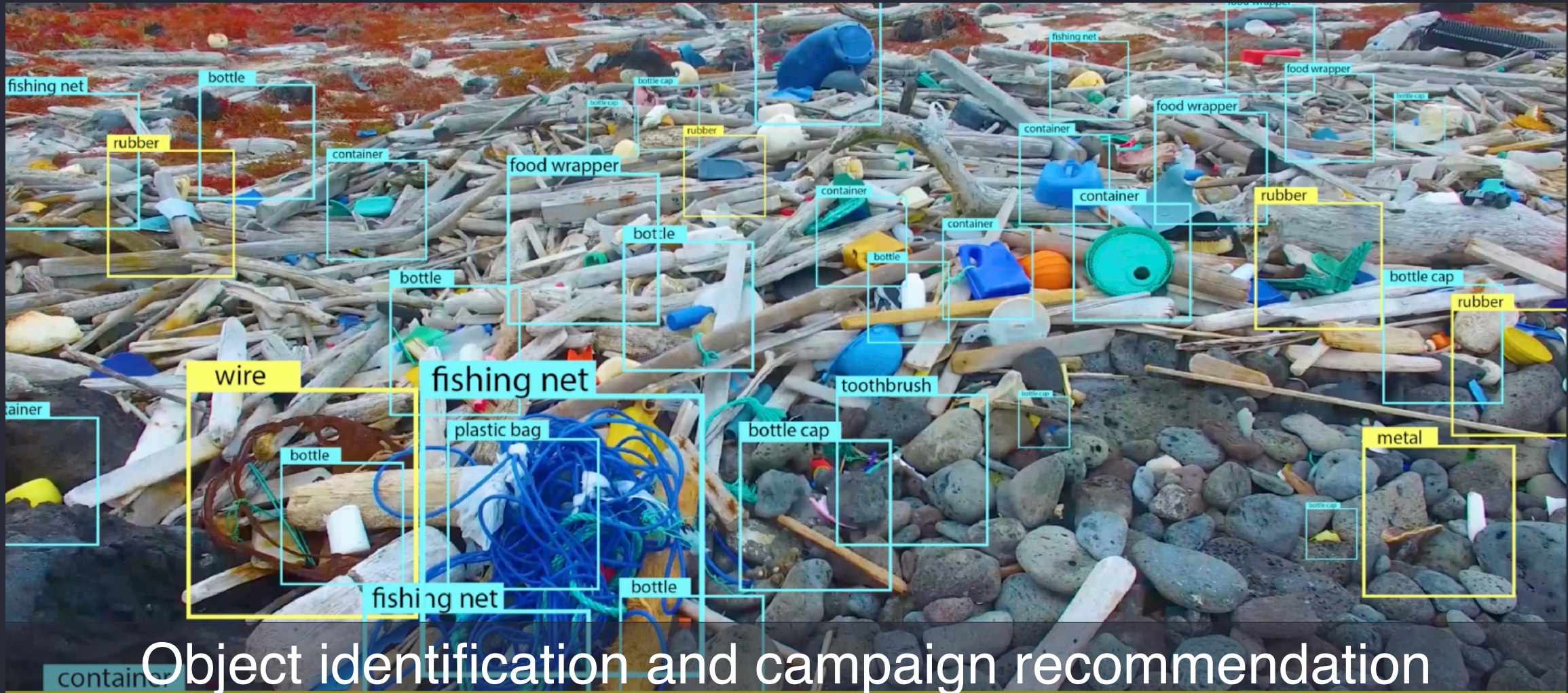
SPACE TECHNOLOGY WITH AI



Improved Pattern recognition & reduced data transmission



DATA & AI FOR CLEAN CITIES



Object identification and campaign recommendation



DATA & AI FOR BATTERY TECHNOLOGY



Improving batteries with new materials & optimised production

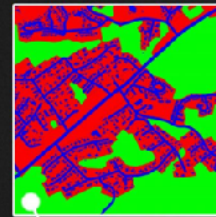


DATA & AI FOR CITY PLANNING



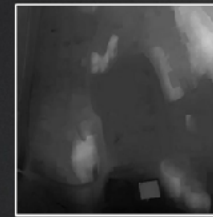
World composition

Semantic Tile Segmentation

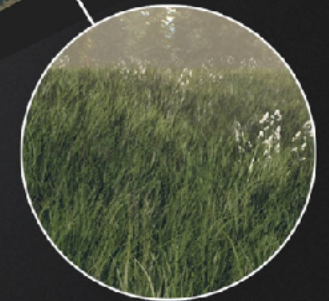
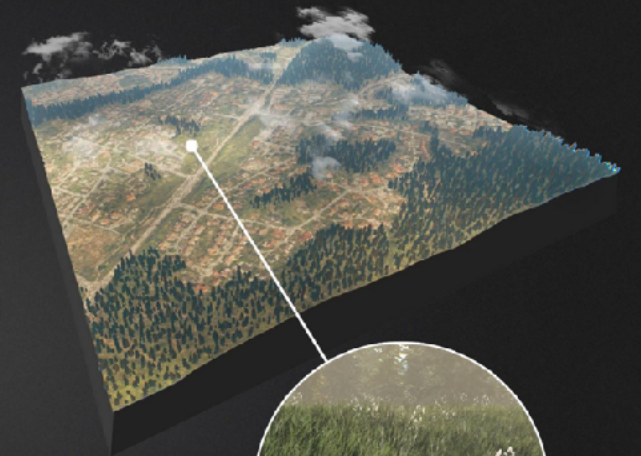


+

Heightmap



=





City of
Gothenburg



TILLBAKA TILL STADSUTVECKLING

View in Window

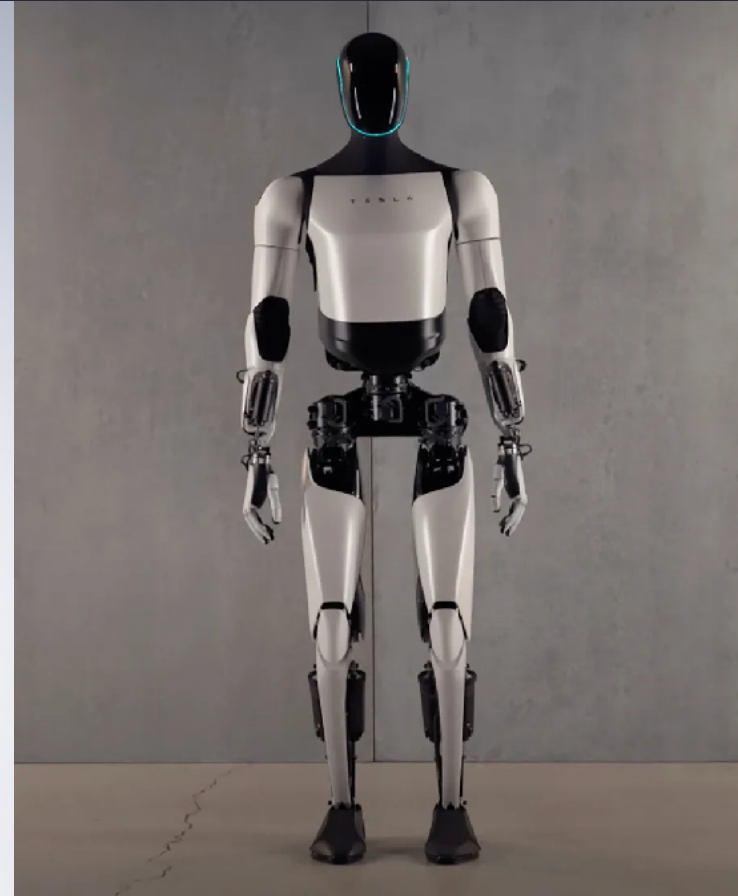


DRONES + AI





HUMANOID ROBOTS





AUTONOMOUS MOBILE ROBOTS



<https://vergecampus.com/optimize-shop-floor-operations-with-autonomous-mobile-robots/>

<https://idealworks.com/en/idealworks-helps-accelerate-zalandos-intralogistics/>

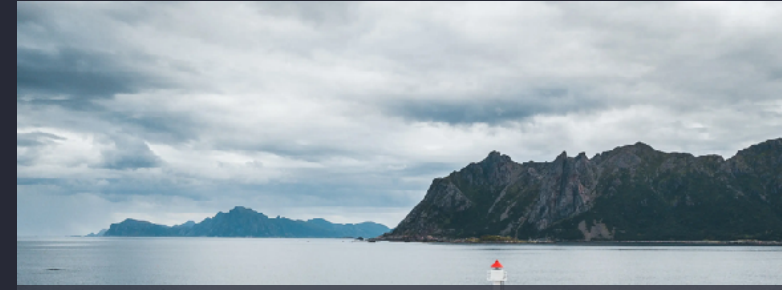
<https://www.youtube.com/watch?v=7HgT-CBmKyE>



DATA-POWERED INNOVATION @ CAPGEMINI GDSC



USING AI TO PROTECT WHALES



DEEPENING OUR KNOWLEDGE OF
THE OCEAN WITH AI AND MACHINE
LEARNING



HARNESSING THE POWER OF AI TO
COMBAT RIVER BLINDNESS



PROTECTING BIODIVERSITY BY
LISTENING TO INSECTS



DATA-POWERED INNOVATION @ CAPGEMINI



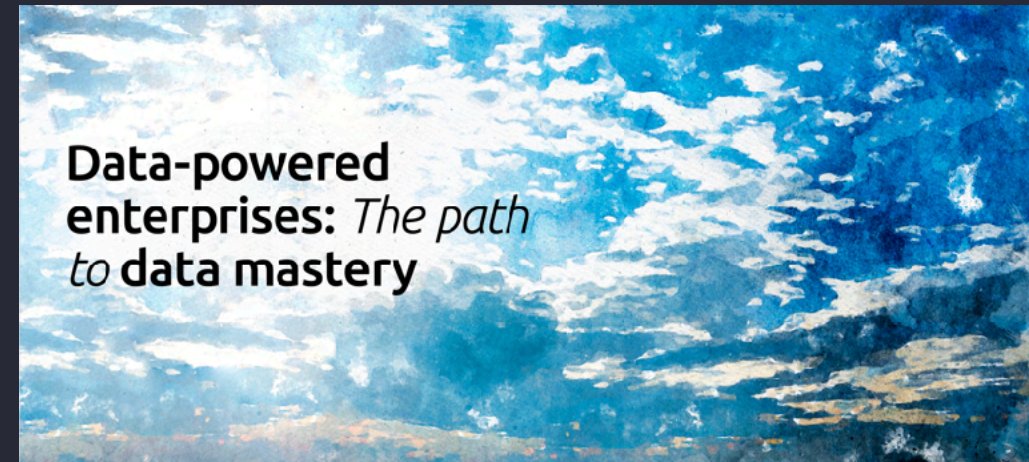
Data-powered Innovation Jam

Capgemini

TECHNOLOGY · TWICE MONTHLY

4 Sep: **Anarchy in the AI:** He was the first to teach an MBA AI course at Harvard Business School. He also wrote a book called 'AI is a Waste of Money,' and he is the founder and CEO of Aible, a company that focuses **MORE**

↻ Play Again



<https://www.capgemini.com/insights/research-library/data-powered-innovation-jam-podcast/>

<https://www.capgemini.com/insights/research-institute/>



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