

The AI health revolution: Uplifting lives, one byte at a time

Panos Bassios – Digital, Data and Analytics Director, MSD Greece, Cyprus and Malta

2023 The Data Conference - September 19, 2023

Mankind is being
disrupted as we
speak!



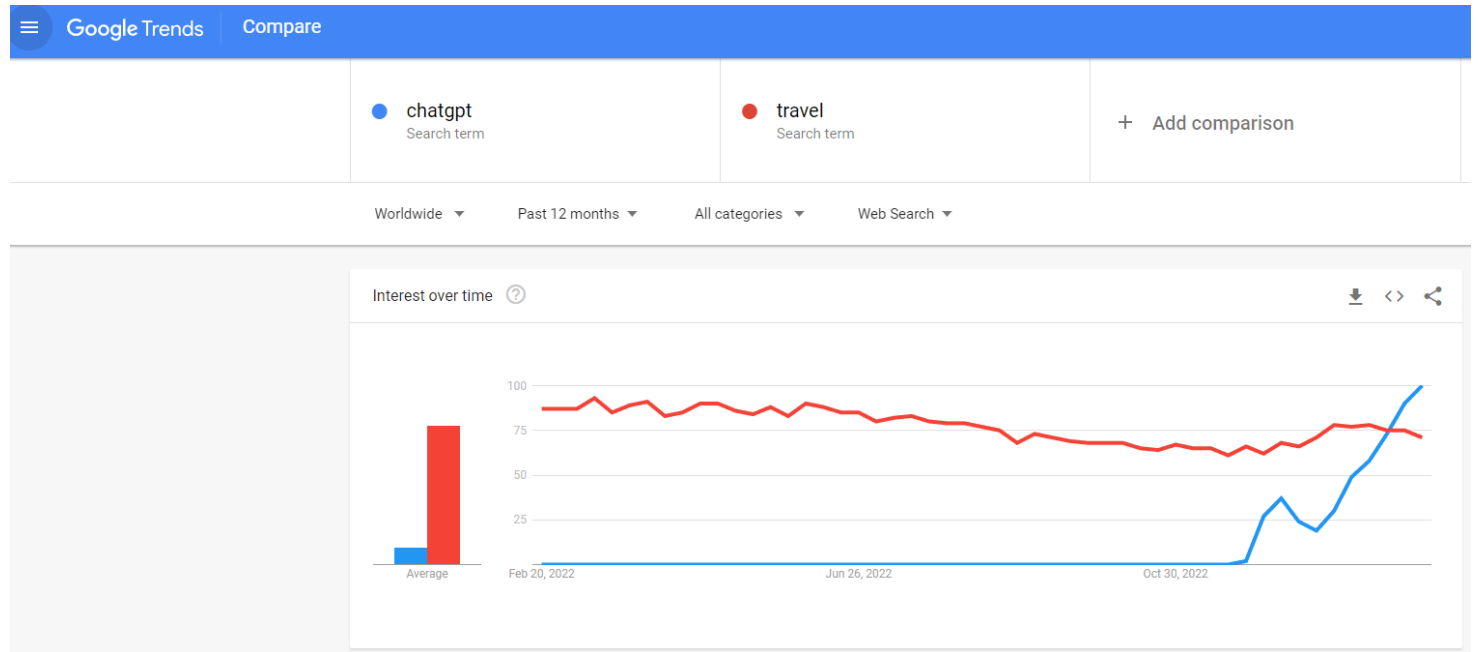
AI has been around for a long time, yet just recently...

ChatGPT Sprints to One Million Users

Time it took for selected online services to reach one million users

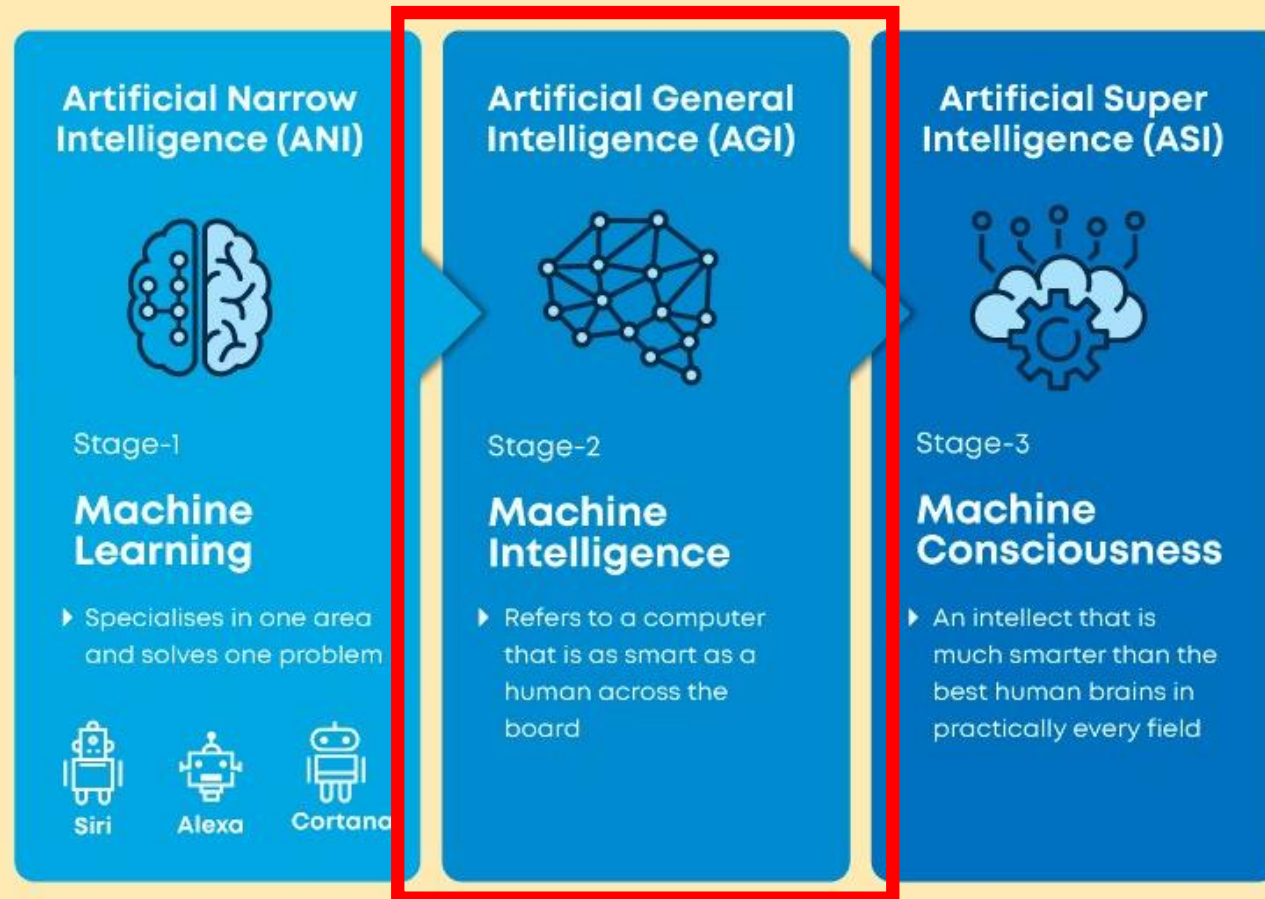


* one million backers ** one million nights booked *** one million downloads
Source: Company announcements via Business Insider/LinkedIn

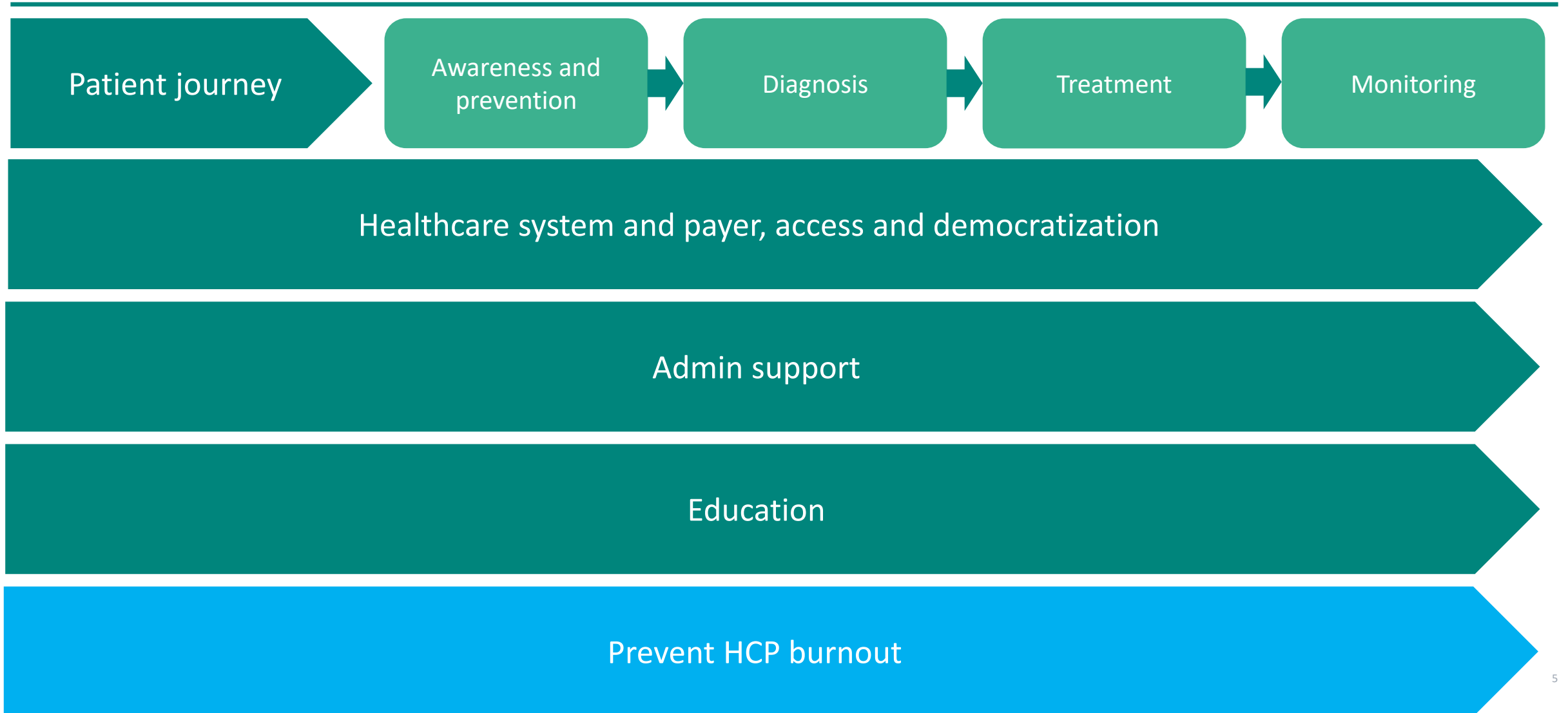


What such a fuss?

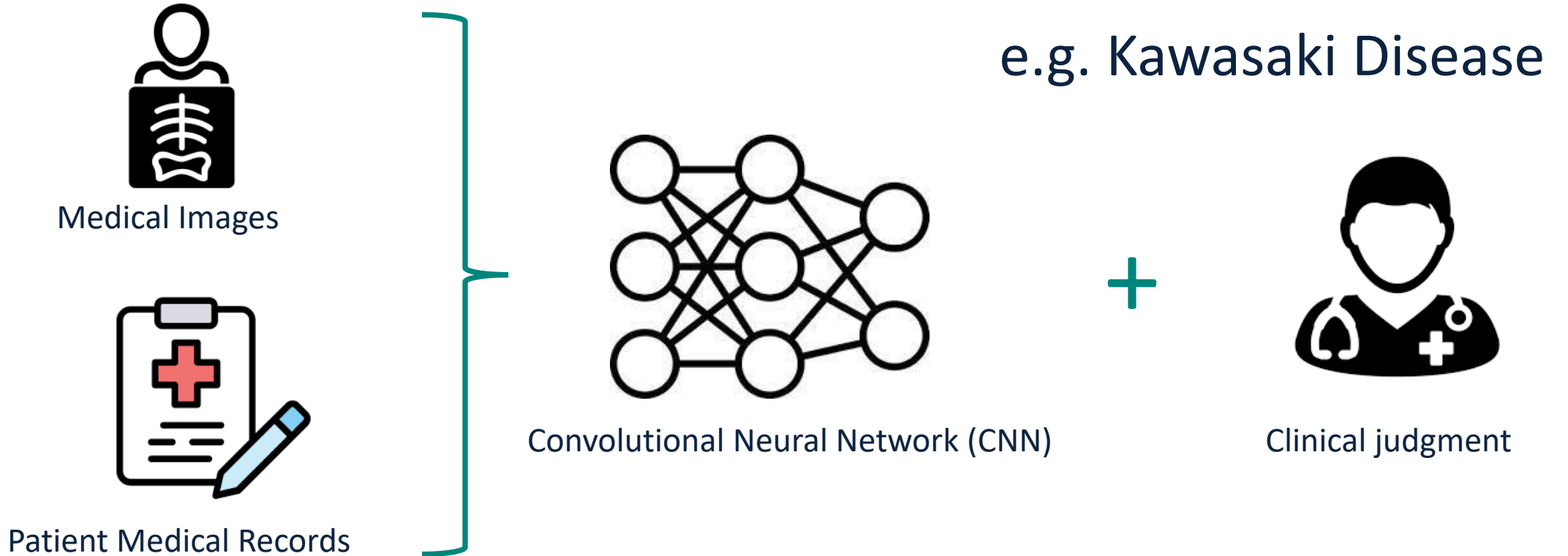
3 Types of Artificial Intelligence



AI for Healthcare



AI for Diagnosis



Early diagnosis is **key**

Especially at resource restricted locales (access to Medicare)

AI for Treatment – Pharma

R&D and clinical development



- Discovery of new molecules
- Personalized medicines
- Time and Cost ↓
- Success rates ↑
- Clinical trials optimization

Manufacturing and Supply



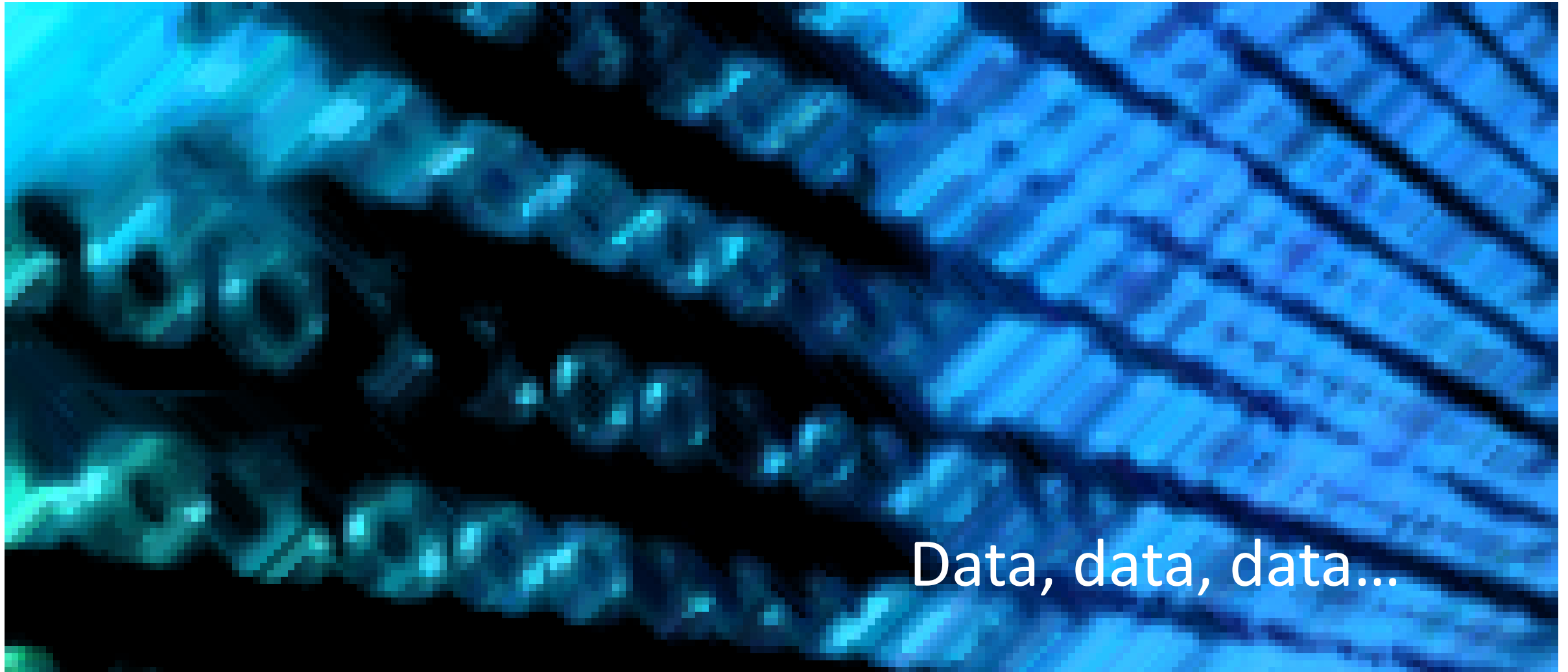
- Discovery of new molecules
- Demand forecasting
- Capacity planning
- RT risk prediction
- Cost, Inventory ↓
- Reliability, Quality ↑

Commercial & Marketing, Market Access & Policy



- Content creation
- Promo material review streamlining
- Improvement of CX
- Sales Force effectiveness
- Pricing and HTA outcome
- RWD/RWE – Evidence based

Pre-requisite for all this – Main challenge



Data, data, data...



Issues on way forward with AI

- **TRUST**
- Unbiased data sets for Deep Learning
- AI and Ethics
- Data Privacy and Data Protection
- Intellectual rights
- Sociological aspects
- Philosophical aspects



The future is bright





Thank you