IBM Watson Health Center rantautui Suomeen

31st Aug, 2017

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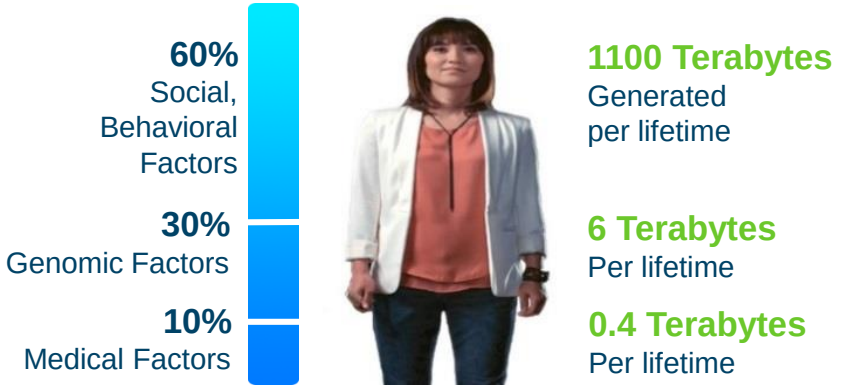
Some background .... Lets do the math

- ✓ 300 mio. books on health related data per average lifetime
- ✓ Today volume of medical data doubles every 3. year, by 2022 expected to double every 2,5 months.
- ✓ Less than 50% of medical decisions fulfill evidence based standards

< 10% of worlds data is getting analyzed today



Finland

- ✓ Social care 16B out of 66B€ of social spend (per capita 12k)
- ✓ Healthcare 20B annually of which 80% goes to chronic, mental, abuse and aging areas

=> Public spending is 120B -> social and healthcare spend is around ~73%

IBM Confidential

WHAT MAKES FINLAND THE MOST ADVANCED TESTBED IN THE WORLD?

WHAT MAKES FINLAND UNIQUE?

Finland

FINLAND - YOUR TESTBED

FINLAND
- REASONS TO BE PROUD

RANKED 2nd
IN INNOVATION AND
TECHNOLOGY READINESS

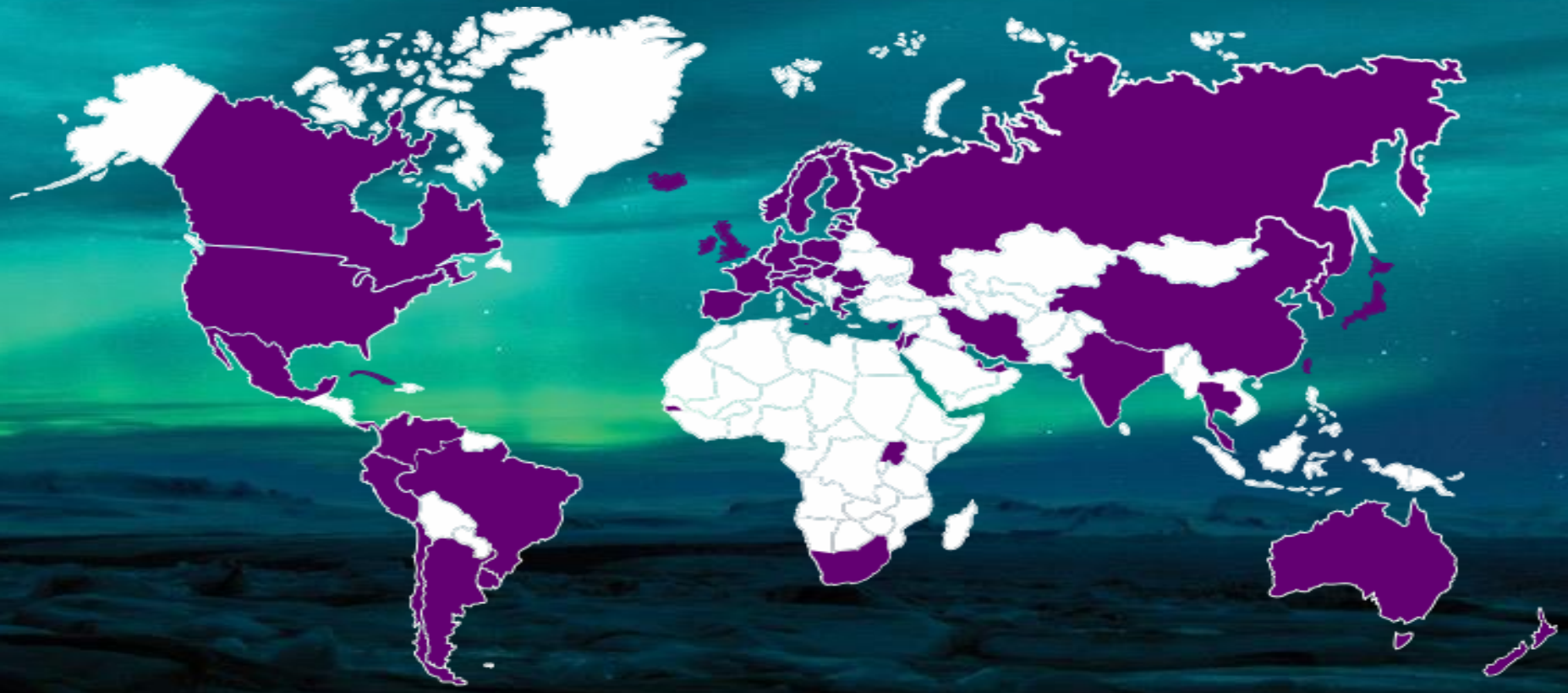
RANKED 3rd
LEAST CORRUPTED COUNTRY

RANKED 1st
HEALTH AND PRIMARY
EDUCATION

RANKED 1st
IN ETHICAL BEHAVIOUR
OF COMPANIES

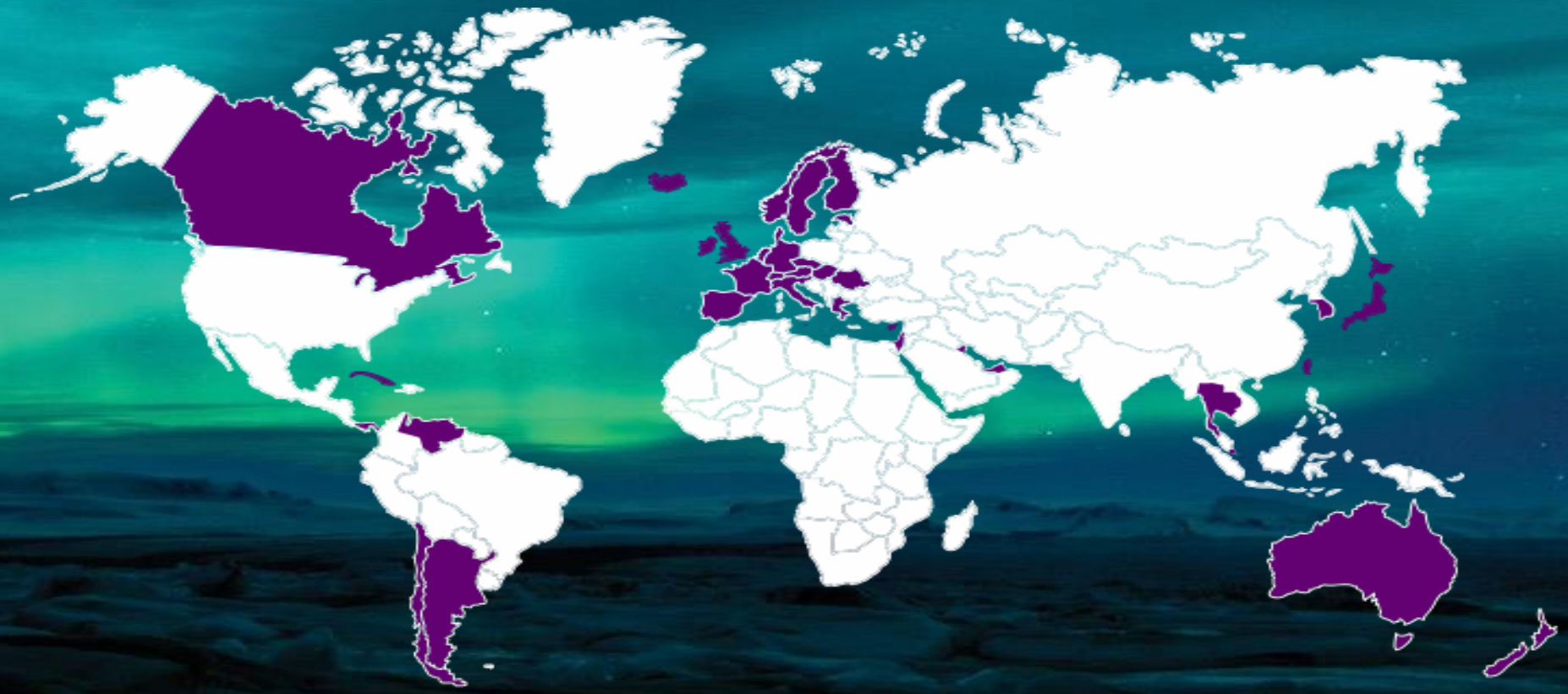
HOME OF
ANGRY BIRDS, SUPERCELL,
SLUSH, LINUX, MYSQL,
SUUNTO, NOKIA...

Finland
FINLAND - YOUR TESTBED



- [x] COUNTRIES WITH BIOBANKS
- [ ] UNIVERSAL HEALTHCARE
- [ ] UNIQUE NATIONAL IDENTIFICATION NUMBER
- [ ] GENETICALLY ISOLATED POPULATION
- [ ] RECALLING MADE EASY (BIOBANK ACT + NATIONAL IDENTIFICATION NUMBER)

FINLAND - YOUR TESTBED



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FINLAND - YOUR TESTBED

THE MOST ADVANCED TESTBED IN THE WORLD

FINLAND - YOUR TESTBED

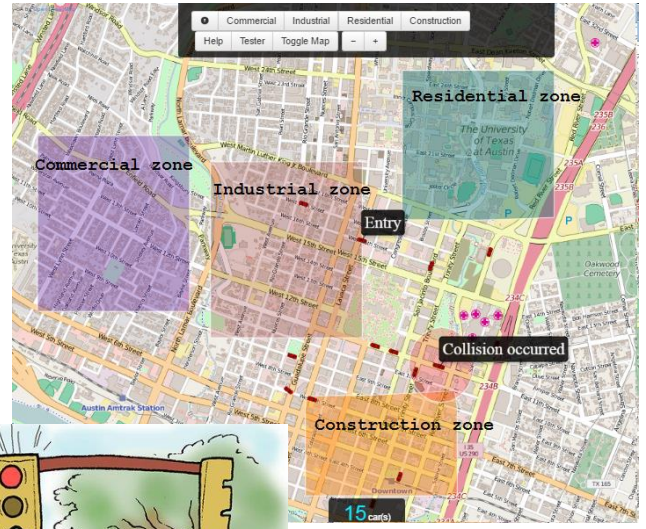
Finland

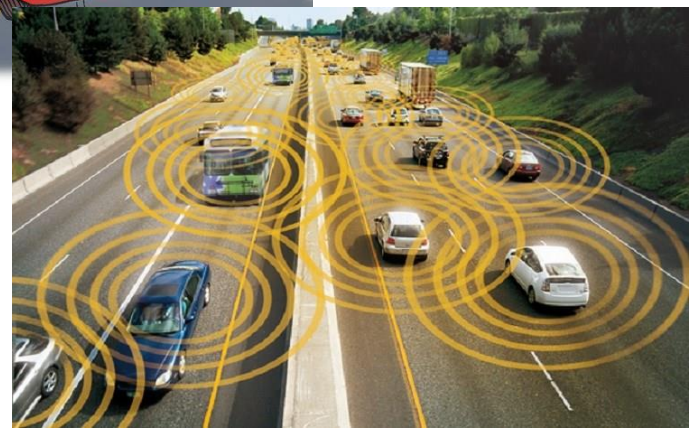
Watson for traffic ..... what if...

...you are the controller of road traffic in your town. Wouldn't it be nice to set up an app which automatically directs cars to slow down when they enter a residential zone, or if it is raining in that area? What if you could reduce the number of cars that wander into your residential neighbour hood? How about telling cars to slow down and turn around if they are approaching the scene of an accident? What if you could decide to call emergency medical services for that accident? What if you could do all this without leaving the comfort of your home office?

....this week´s discussion topic has been reckless drivers. What if Watson´s could identify such characteristics already when they are buying a car?

....cars observes wider environment...take images from accidents, felony behavior etc etc....send information directly to the insurance companies....creates ”rytmihäiriö” to the whole insurance value chain....





Legal impact –sure- but lets unleash our imagination and innovate some big ideas!
Create vision vs use case for fast prototyping -> learn -> implement. And here we go.

IBM

Some thoughts About an Ecosystem

Diversification

An ecosystem is like a forest – it is rich when it is diverse.

Value creation

The participants of an ecosystem will be able to create more value together than they would be individually.

Give and take

There needs to be a right balance of give and take between the participants – i.e. a true win/win relationship.

K i i t o s !

Kysymyksiä ?

Miracles don´t just happen, people make them happen.

Can you make the miracle happen?