Disrupt & innovate with Cognitive

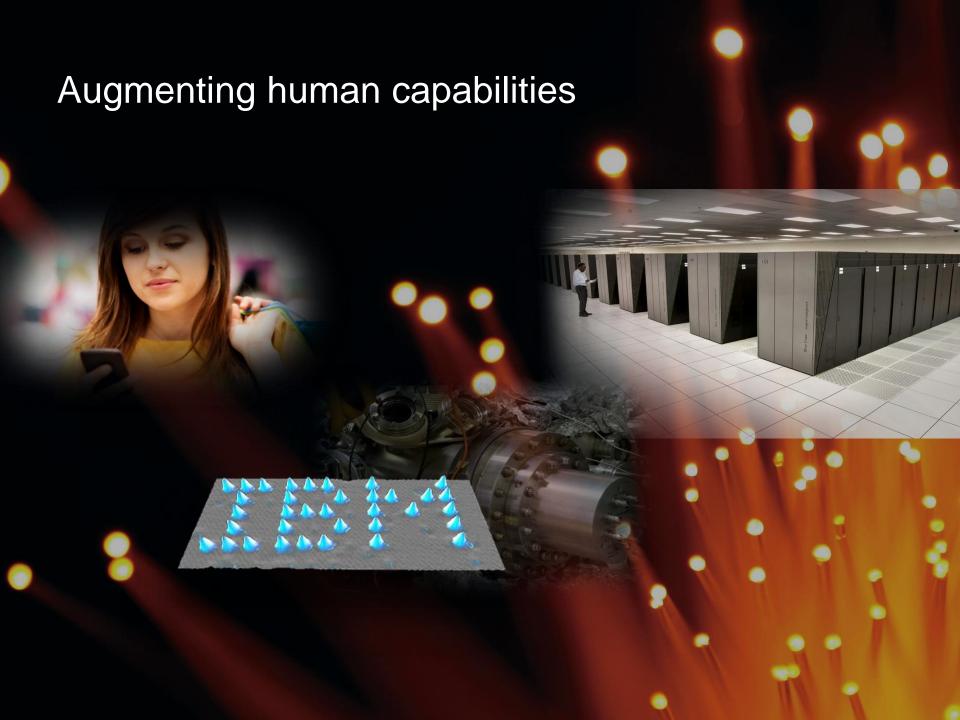
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Augmenting human intelligence

Understand multiple languages

Converse in spoken dialogue

Comprehend complex images

Interpret sensory perceptions

Develop domain knowledge

Derive new insights



Overwhelming growth of unstructured data



2010 2020



What is Cognitive?

Cognitive understand, reason,

learn

Predictive predict, decide, act

Descriptive discover, report, analyze



Disruption is upon you...

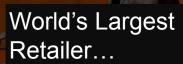


World's Largest Taxi Company...

Owns No Vehicles

World's Largest Accommodation Company...

Owns No Real Estate



Carries No Inventory

World's Biggest Media Company..

Creates
No Content

facebook

Photograph by Andrew Harrer/Bloomberg

Oil & Gas Modern facilities have more than 80,000 sensors in place, and a single reservoir will produce more than 15 PB of data in its lifetime

Public Safety

New York City surveillance cameras and sensors generate **520 TB** of data per day, largely unstructured

Energy & Utilities

More than 680
million smart meters
will be installed
globally by 2017 –
producing more
than 280 PB of new
data to be analyzed
and acted upon

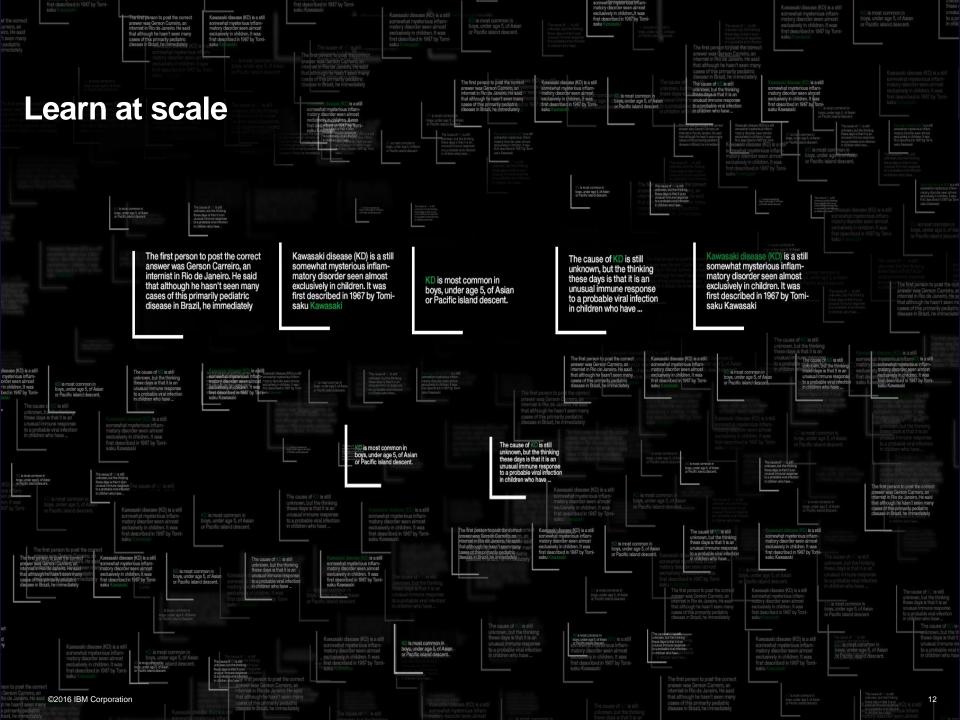


Healthcare

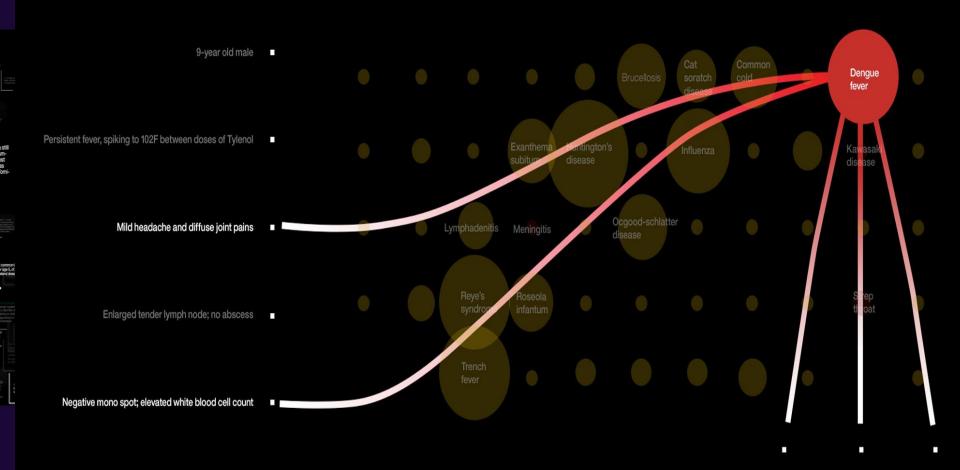
Each person will generate 1 million GB of health-related data in their lifetime – equivalent to about 300 million books







Reason with purpose



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Cognitive IoT



My SURREY

powered by Watson



IDavatar – Nurse Sophie

powered by Watson



Government related solutions

powered by Watson

Security

Threat Prediction and Prevention
Cognitive Cyber Defense
Law Enforcement
Emergency Response

Sentiment

Sentiment Analysis of open source data Personality Insights

Infrastructure

Building Management

Water Management

Transportation Management

Bridge Safety

IBM Acquisition of The Weather Company

IBM's "moon shots"

powered by Watson

Healthcare

Watson Health

Watson for Oncology

Watson Clinical Trial Matching

Apple HealthKit

Medtronic Diabetes Monitoring

Under Armour Digital Fitness

Education

Student Recruitment and Retention

Fundraising Campaigns

Personalized Learning

Advantages of Cognitive



Intelligent exploration and discovery.



Deeper human engagement.



Elevated expertise.



Cognitive processes & operations.



Cognitive products and services.

Becoming a Cognitive Government

Get educated
 http://www.ibm.com/cognitive/outthink/

- 2. Select one area where cognitive might apply
- 3. Try it out in the cognitive cloud

https://www.ibm.com/smarterplanet/us/en/ibmwatson/developercloud/

Start your journey

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