## HOW BIG IS BIG DATA FOR AN INSURER LIKE AXA? CHALLENGES & OPPORTUNITIES

Paris Big Data Management summit 24<sup>nd</sup> March 216

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"Big Data is an economical and technological revolution...

...being defensive is a waste of time as it is unavoidable and lethal"

- Henri de Castries AXA CEO

#### Main Big Data business initiatives and solutions



**Connected Devices** 



**Predictive Behavior** 



Risk Management Advanced Analytics



**Claims cost control** 







**UW & Pricing** 



Breaking new insurance grounds







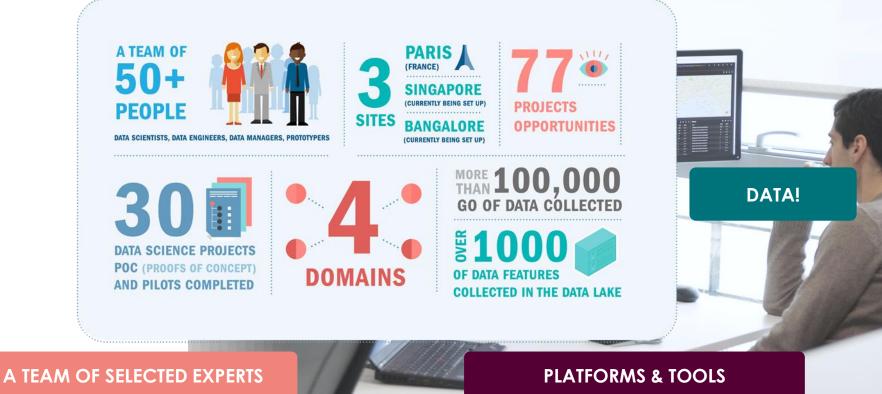


A ALLINGS

# The Data Innovation Lab as a transformation engine within AXA

#### AN INTERNATIONAL TALENT POOL

#### **SPECIFIC METHODOLOGIES**





4 | SMART DATA AND DATA INNOVATION LAB

#### The emergence of data science team

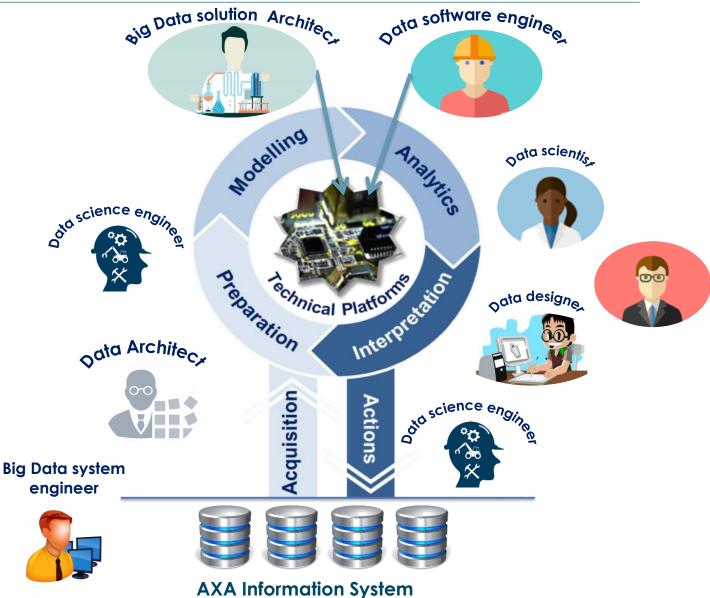


**Project manager** 



Legal officer





Data

Innovation Lab

Is privacy (and ethic) becoming a luxury good? (from London Strata 2015)

#### Compliance

## AXA.COM Commitment to transparency

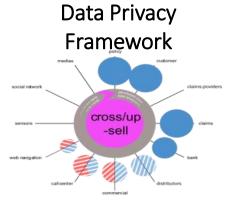


Why data privacy matters for AXA? AXA's Data Privacy Declaration

Safeguard personal data Use of Personal Data Dialogue and Transparency

AXA's Data Privacy Advisory Panel

## Compliance is at the core of our incubation process

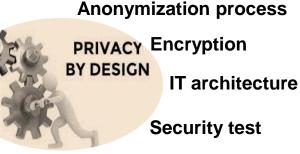


**Binding Corporate Rules** 

Data processing agreement

Data retention and life cycle management –GDPR compliance

Data residency policy



Privacy impact assessment



## Is privacy (and ethic) becoming a luxury good?

#### Ethic



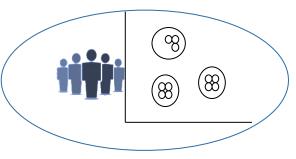
#### Contextualization and transparency



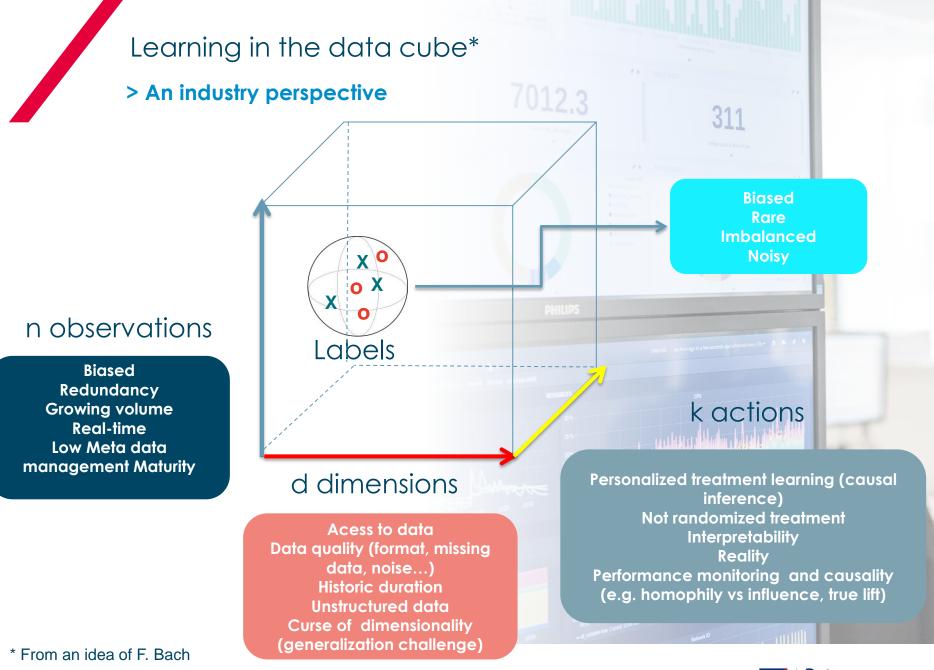
Privacy & inference Intrusive approach



Exclusion & non explicit Discrimination End of Mutualisation ?



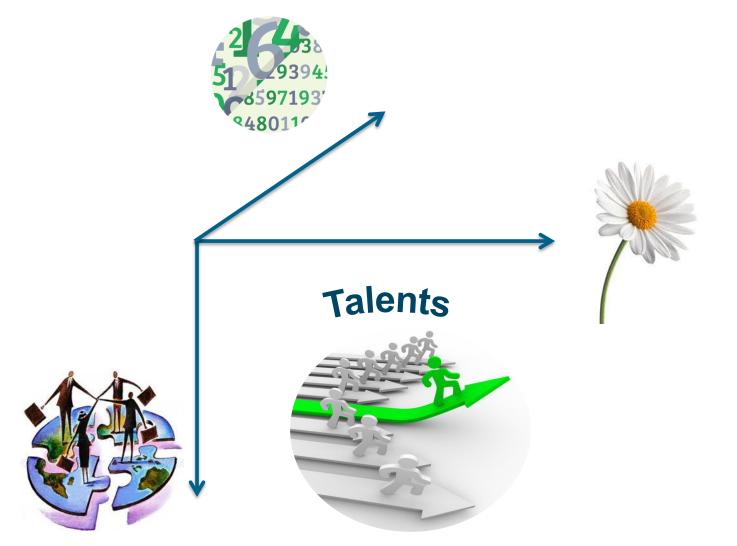






## How to really become data driven?

Key challenges to really change the business





# THANK YOU!

#### Contacts

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