VIỆN QUỐC TẾ PHÁP NGỮ
Sáng tạo không biên giới

What is hidden in your Big Data?
How to transform your “Big Data” into your “Big Values”?

May 04, 2018

Hanoi, Pierre BONNET

Orchestra NETWORKS

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Hi everyone

IT engineer, I co-founded Orchestra Networks in 2000.

Starting from scratch, the company is a worldwide software vendor in the data management platform. Ranking leader by the Gartner Group in 2016, 2017

I hold the duties of Chief Operating Officier (COO) for our headquarter located in Paris, and President & General Manager of our subsidiary in Vietnam

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During this presentation I will share with you five tips to make better your Big Data

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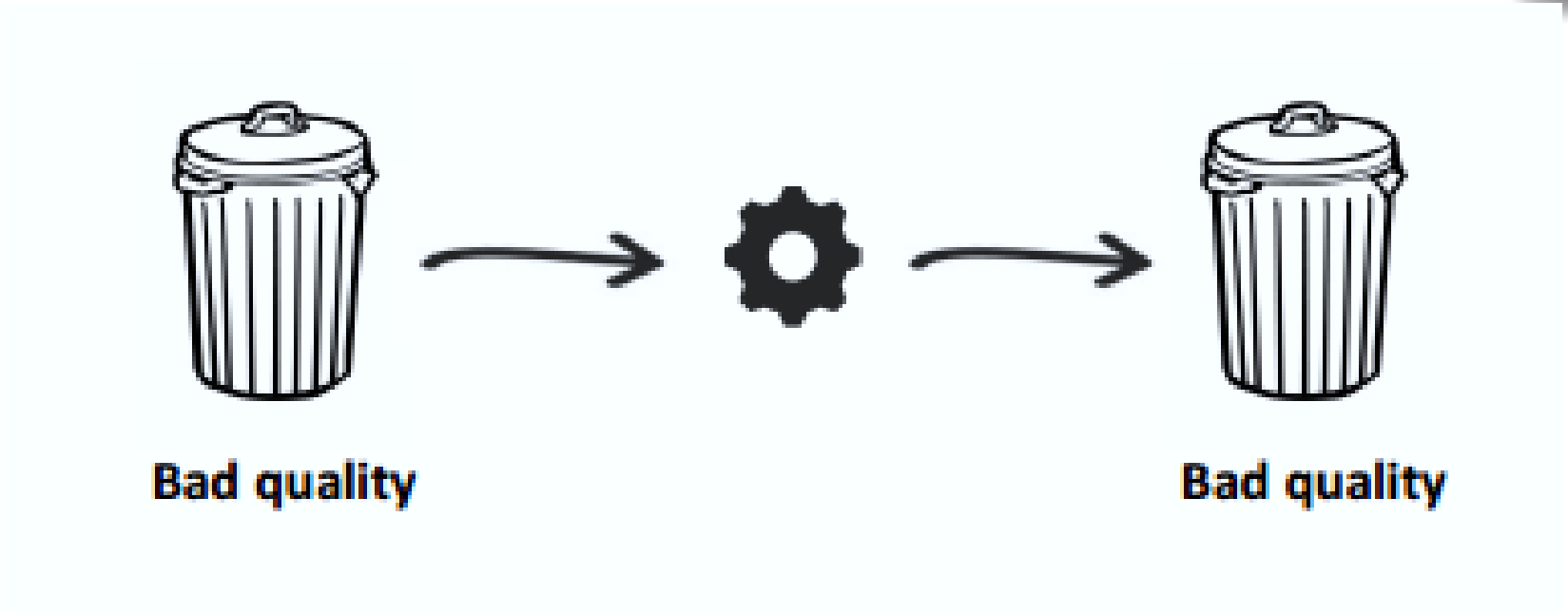
#1

Bad data gives bad results



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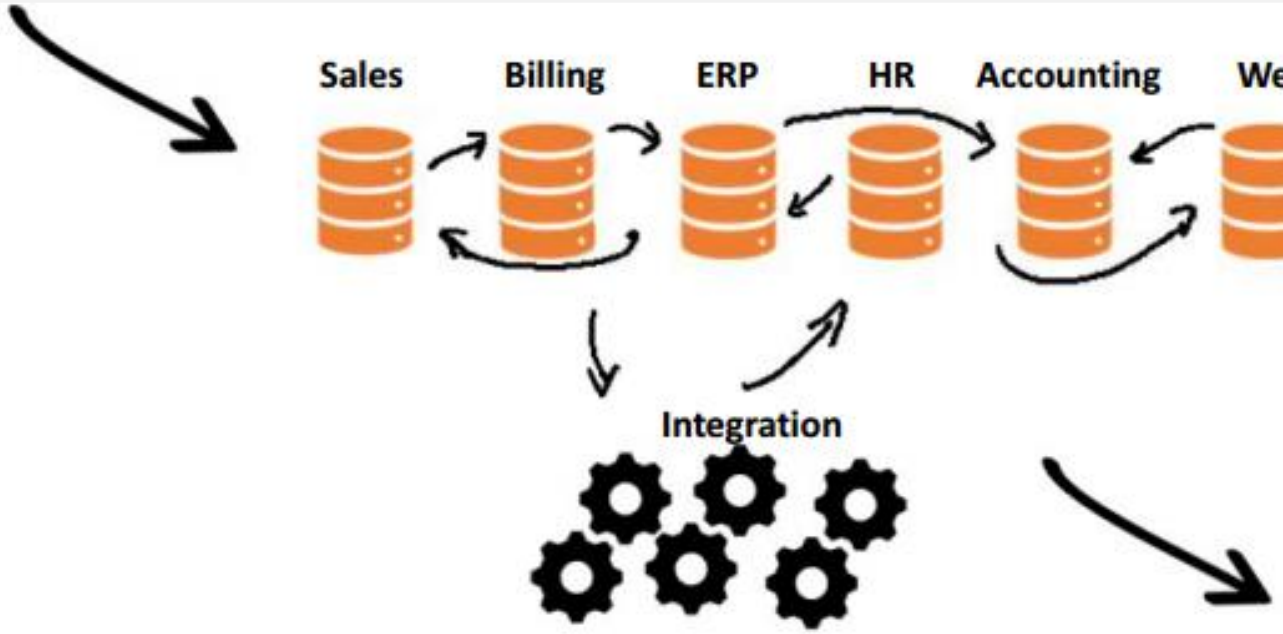
Data issues

- ✓ Physical and logical data duplication into many systems
- ✓ Lack of data integrity between systems
- ✓ Weak data traceability

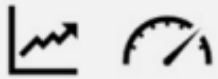


#1

Bad data gives bad results

Business Intelligence

Data analytics



- ✓ Wrong reports
- ✓ Bad decisions & low ROI
- ✓ Regulation misalignment

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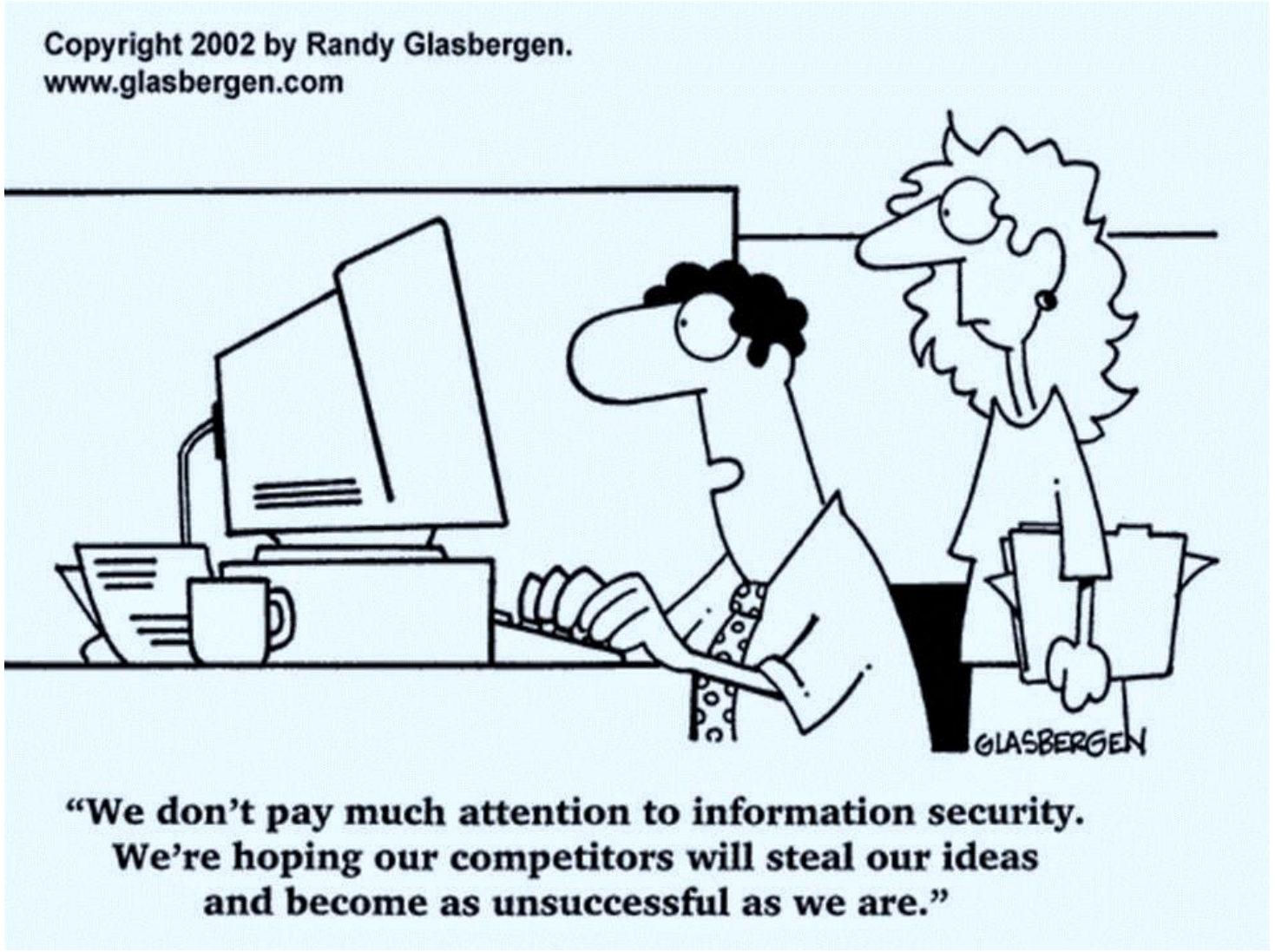
#2

Bad data leads to regulatory compliance risks



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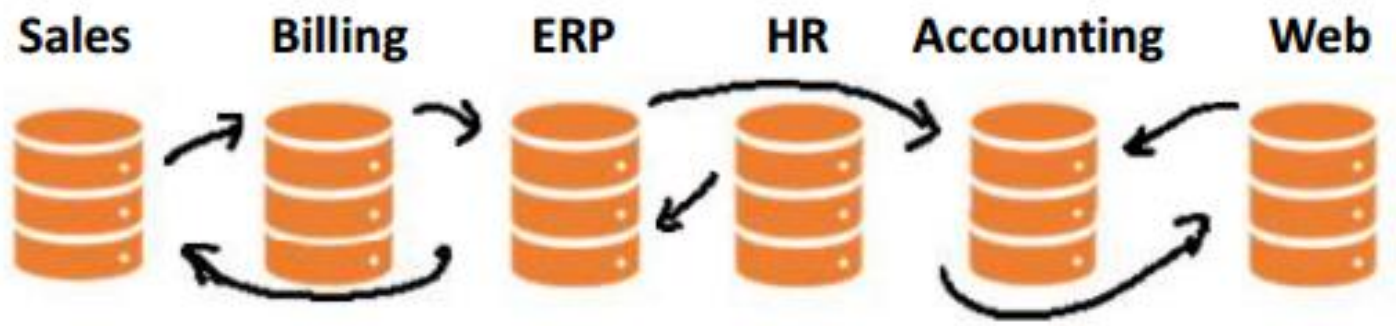
#2

Bad data leads to regulatory compliance risks

General Data Protection Regulation

- ✓ Data breach notification
- ✓ Right to access data
- ✓ Right to be forgotten
- ✓ Data portability
- ✓ Privacy by design



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#3

Data quality is a topic of data governance

Do you know Data Governance

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Reference data

- ✓ Country
- ✓ Currency
- ✓ Region
- ✓ Product codification
- ✓ Client segmentation
- ✓ Organization structure
- ✓ ../..

Governance for the Most important data

#3

Data quality deals with data governance

Master data

- ✓ Product catalog
- ✓ Client 360 view
- ✓ Chart of account
- ✓ Chart of organization
- ✓ Third party contracts
- ✓ Supply chain properties
- ✓ ../..

Meta data

- ✓ Glossary
- ✓ Critical data definition
- ✓ Data owner
- ✓ Data privacy
- ✓ Data traceability
- ✓ ../..

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#4

Adding more bad data increases bad results

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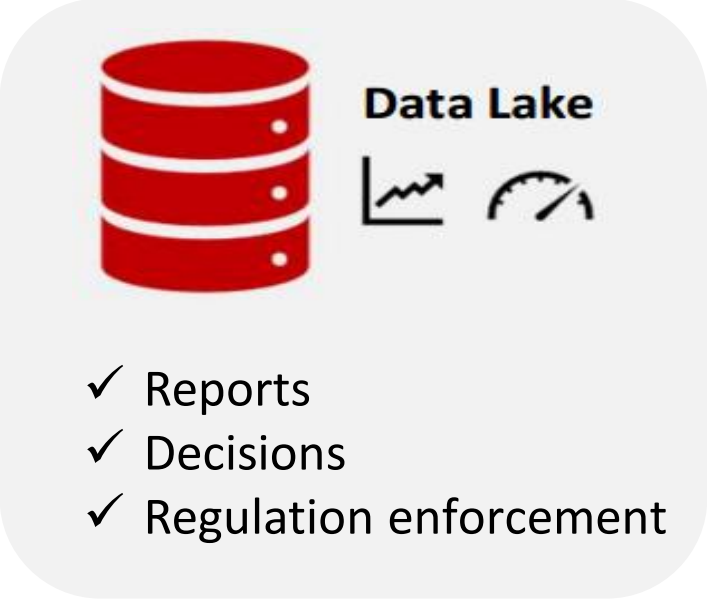

What is a Big Data

A database technology to save mass data collection (billiard of records) and huge volume of structured & unstructured data like text, sounds, images…

Runs on fast hardware multi nodes CPU / GPU with Terabytes, Petabytes…

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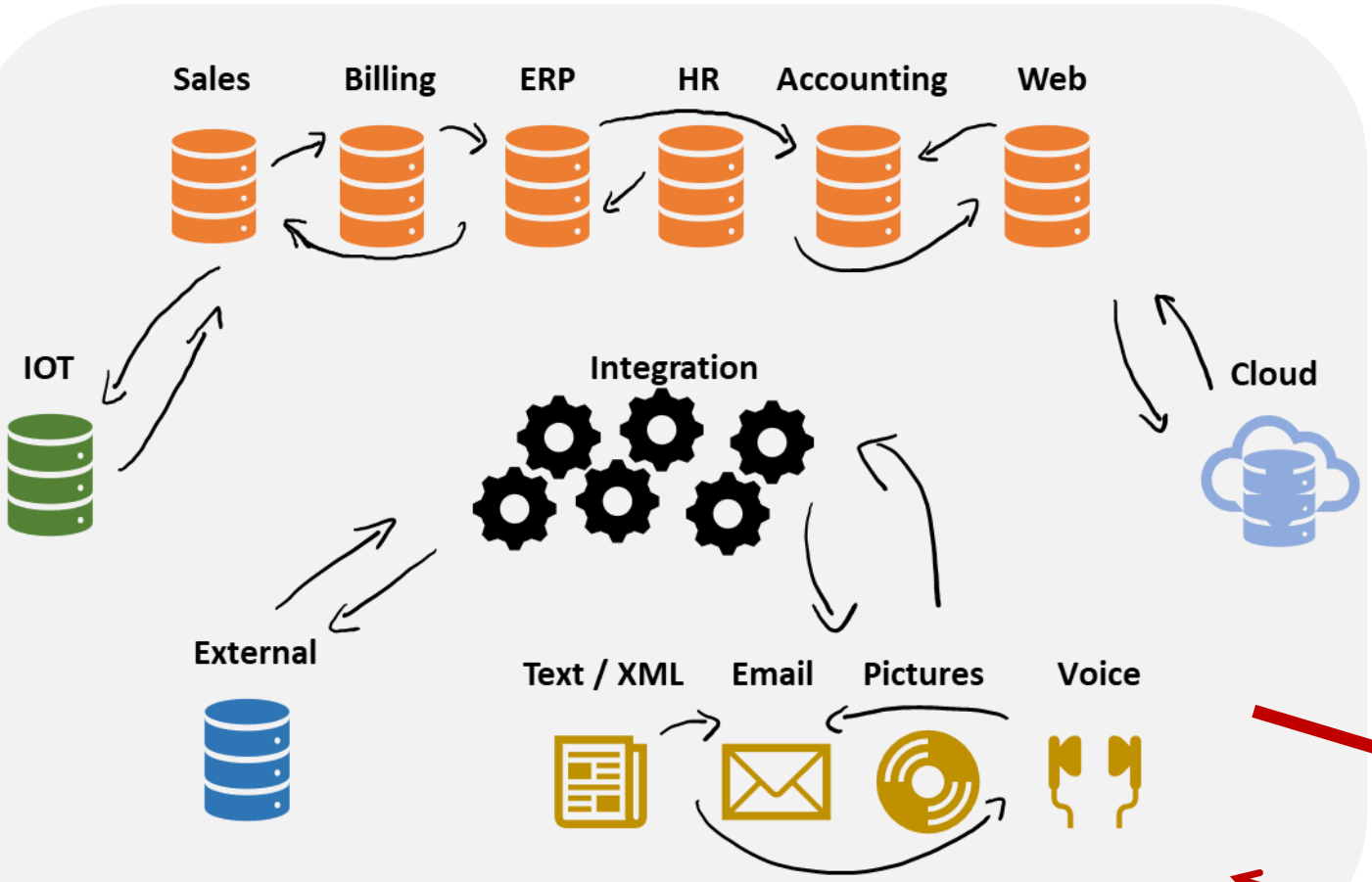
#4

Adding more bad data increases bad results



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Some update

Big Data

- ✓ Wrong reports
- ✓ Bad decisions & low ROI
- ✓ Regulation misalignment

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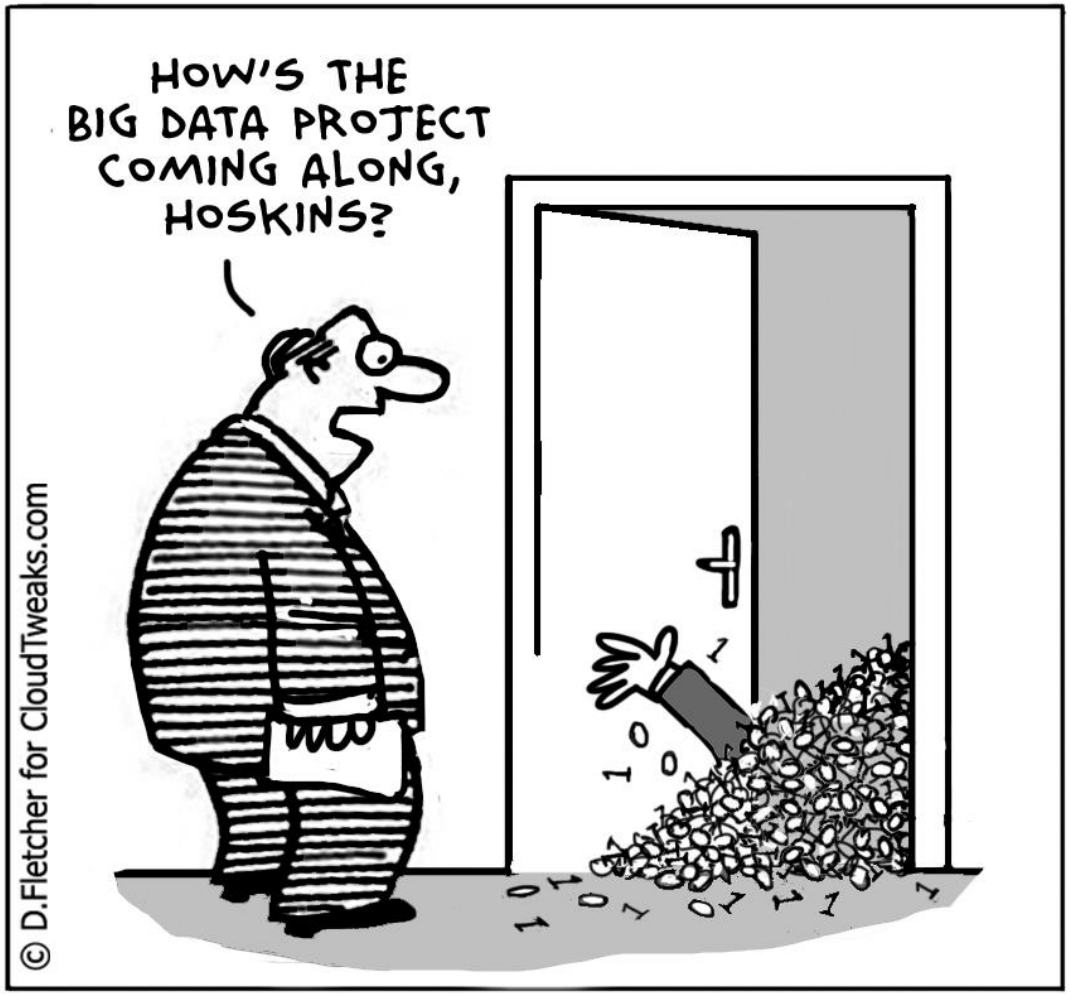
#5

Data governance generates values and makes Big data better



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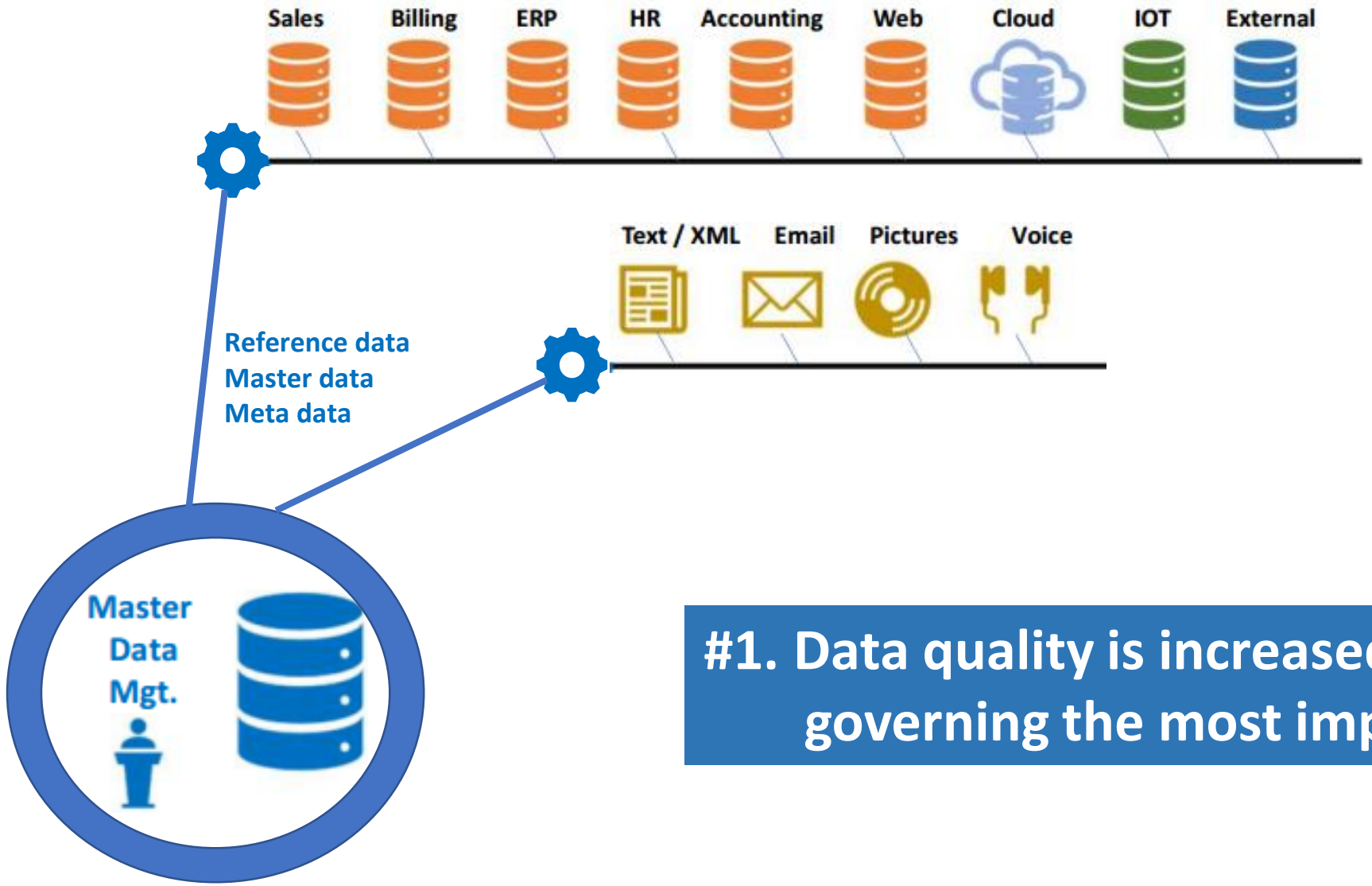

Data governance

#1. Data quality is increased by sharing and governing the most important data

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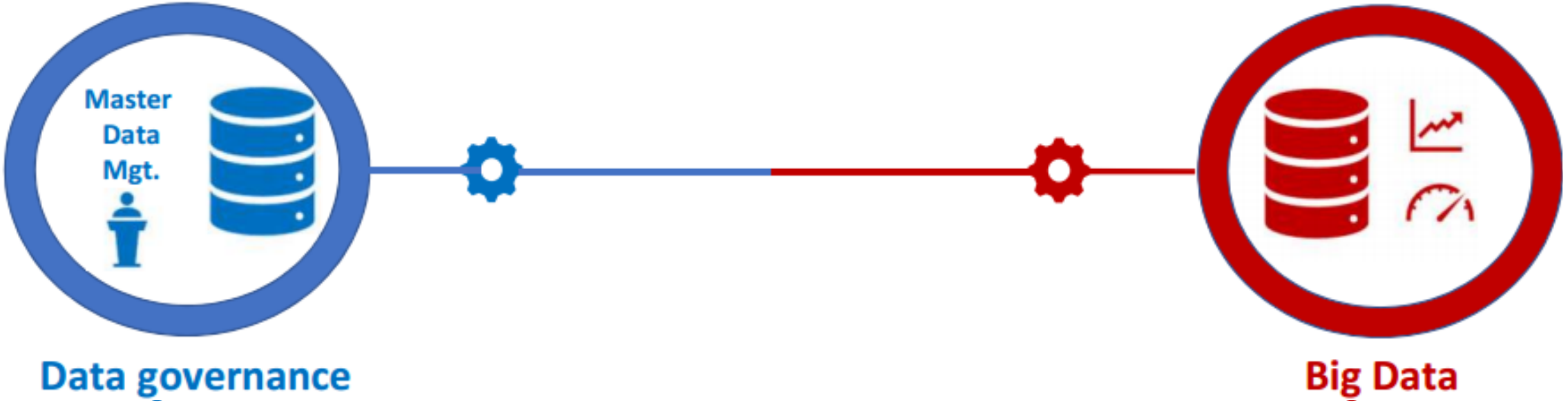
#2. Big Data reuses the most important data providing by the governance



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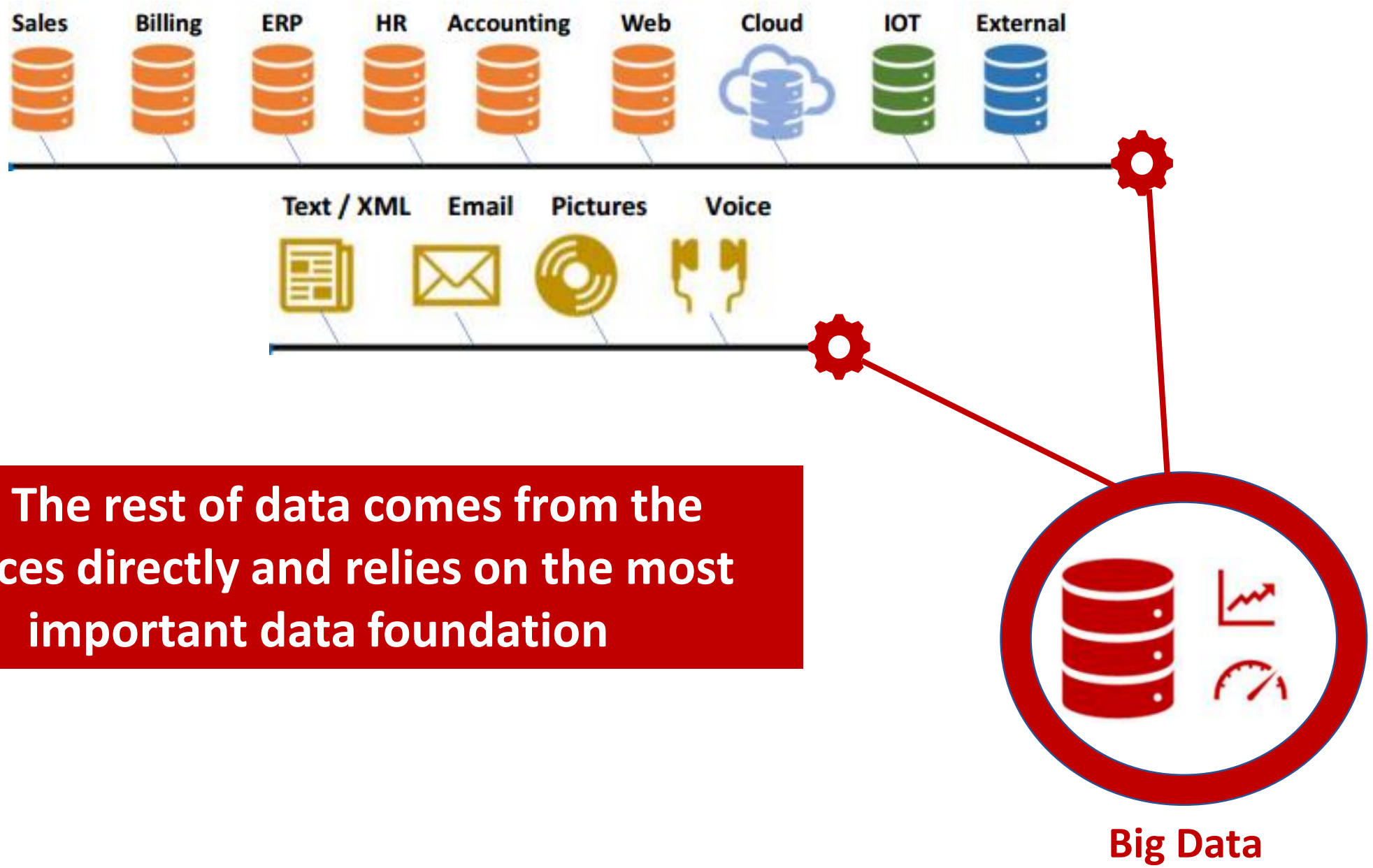

#3. The rest of data comes from the sources directly and relies on the most important data foundation

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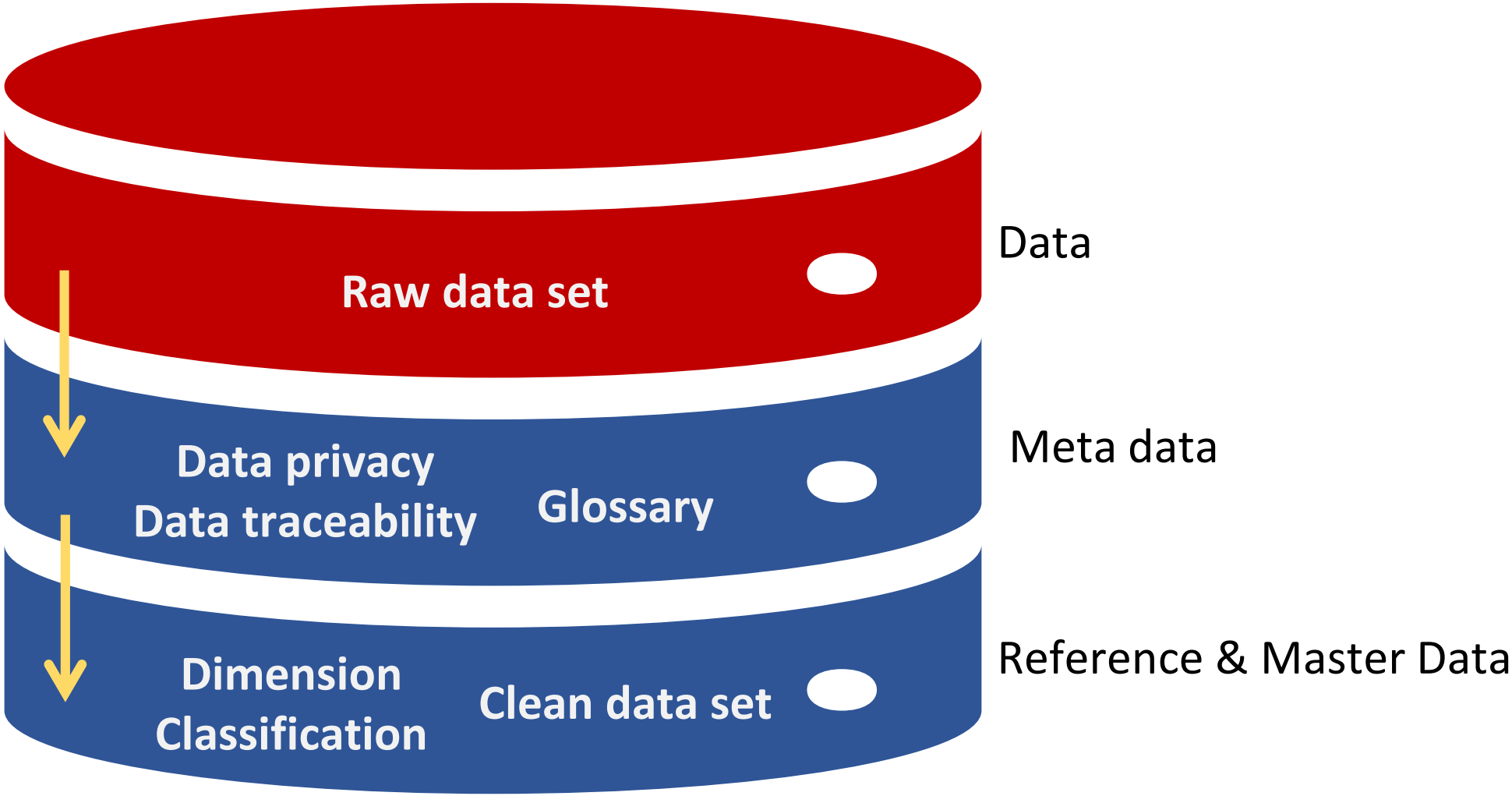
Big Data



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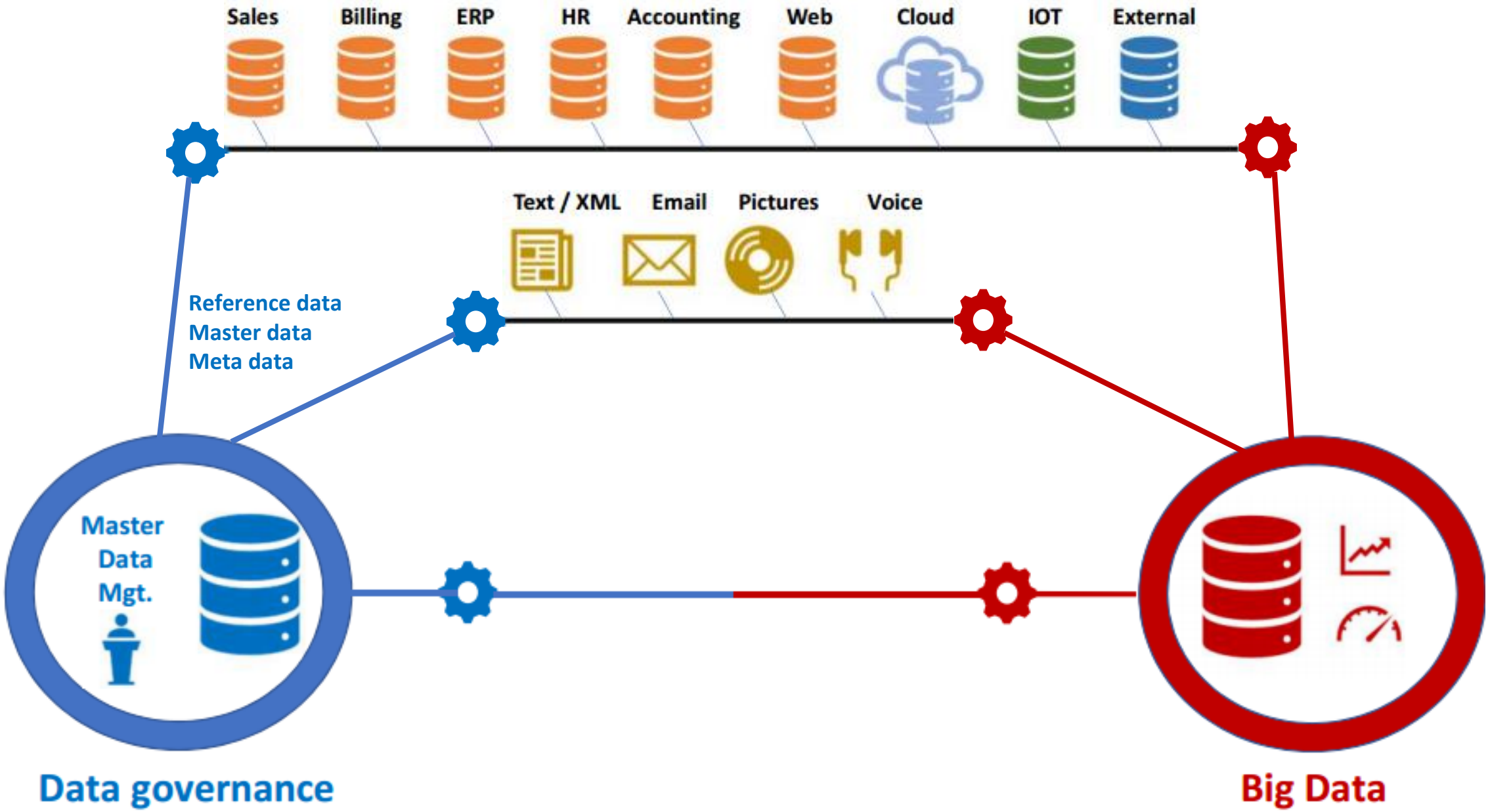

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Any question?

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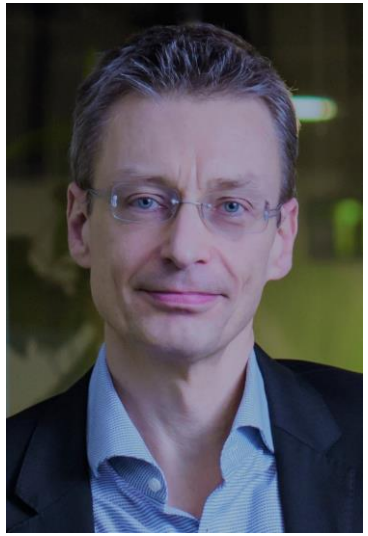
Thanks



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