

IBM Watson Studio / IBM Cloud Private 4 Data

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Data is the new oil



Companies want to transform their

data

into **“Intelligence”**



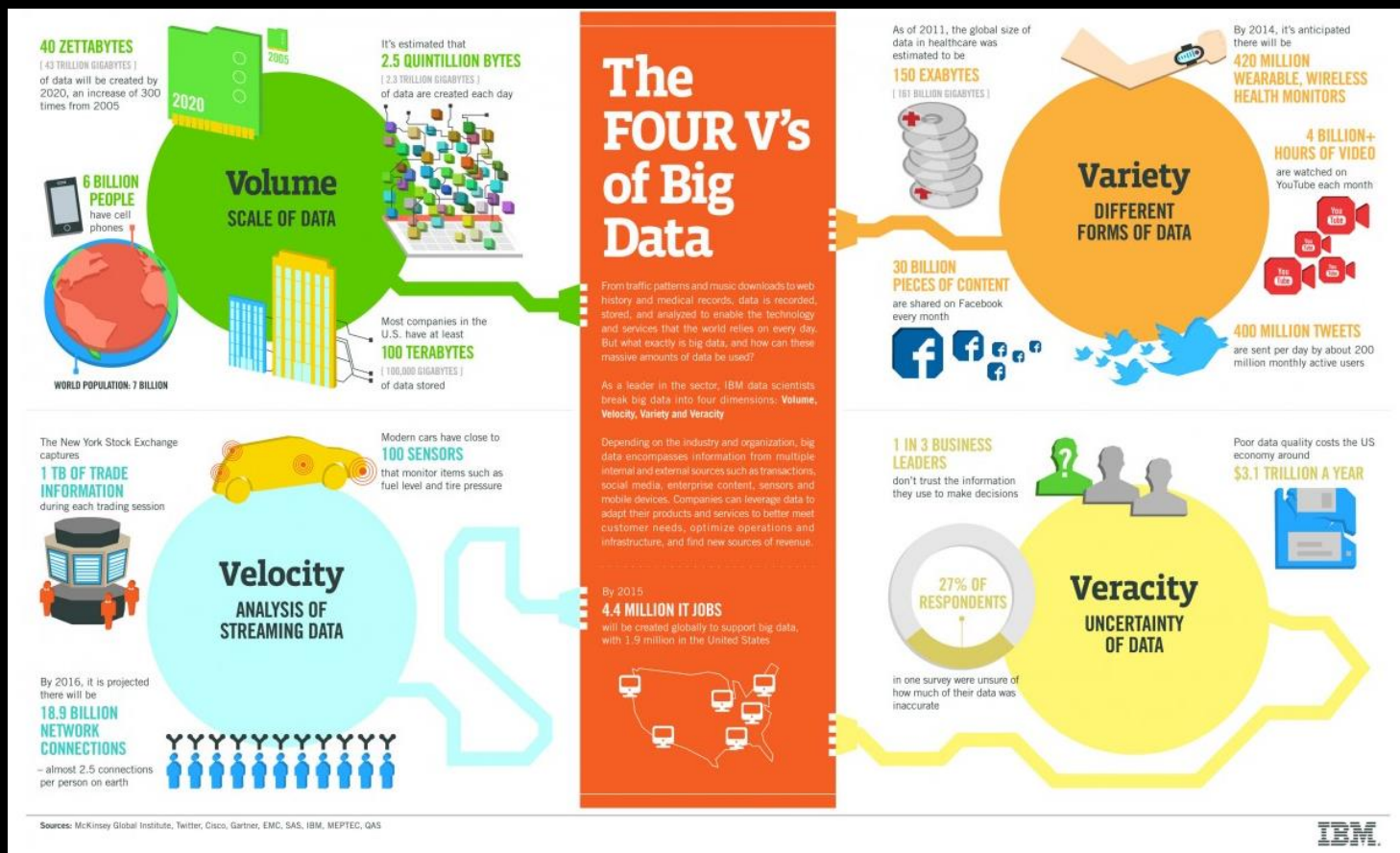
**Extracting Value from
Data is not always Easy!**

Problems Facing Advanced Analytics Projects

Data Resides in Silos



Problems with Scaling, Data in motion , Unstructured data & Trust



Ability to fail fast!



Data Science is a team Sport



Watson Studio / IBM Cloud Private for Data

Helps make your data ready for AI

AI 



2 Ladder to AI



Embed machine learning everywhere



Analyze insights on demand



Organize data so it can be trusted



Collect relevant data and make it simple & accessible

1

Strong Foundation – Built on “IBM Cloud”

Lets start with Spreadsheet Analytics

Year	Sales
2000	234
2005	2345
2010	2340013
2015	30012333
Total Sales	2342592

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2015	30012333
Total Sales	2342592

Year	Sales
2000	234
2005	2345
2010	2340013
2015	30012333
Total Sales	32354925



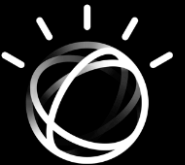
“In its Sept. 27, 2014, presentation to the Board of Directors, *Goldman Sachs*, using the spreadsheet, used a share count that overstated [Tibco’s] fully diluted common stock by the number of shares of restricted stock...”

What are the problems with Spreadsheet Analytics?

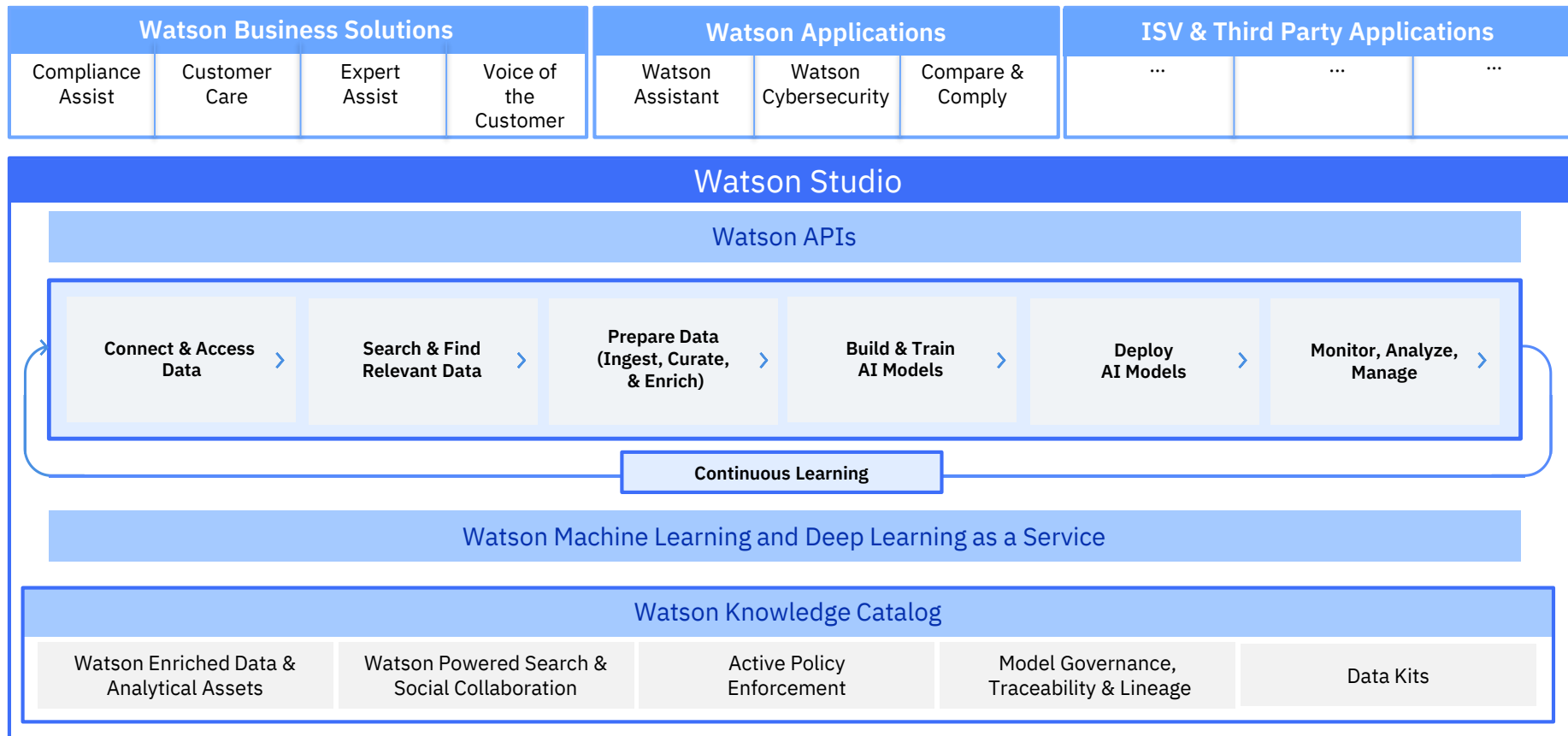
- No Data Models
- Weak Typing
- Primitive Error Checking
- Data Manipulation is tedious
- Problems with scale
- Less efficient for concurrent processing.
- Non Numeric data (Text, Images, Sounds etc.)

What is the alternative ?

Data Stores & Data Compute Frameworks



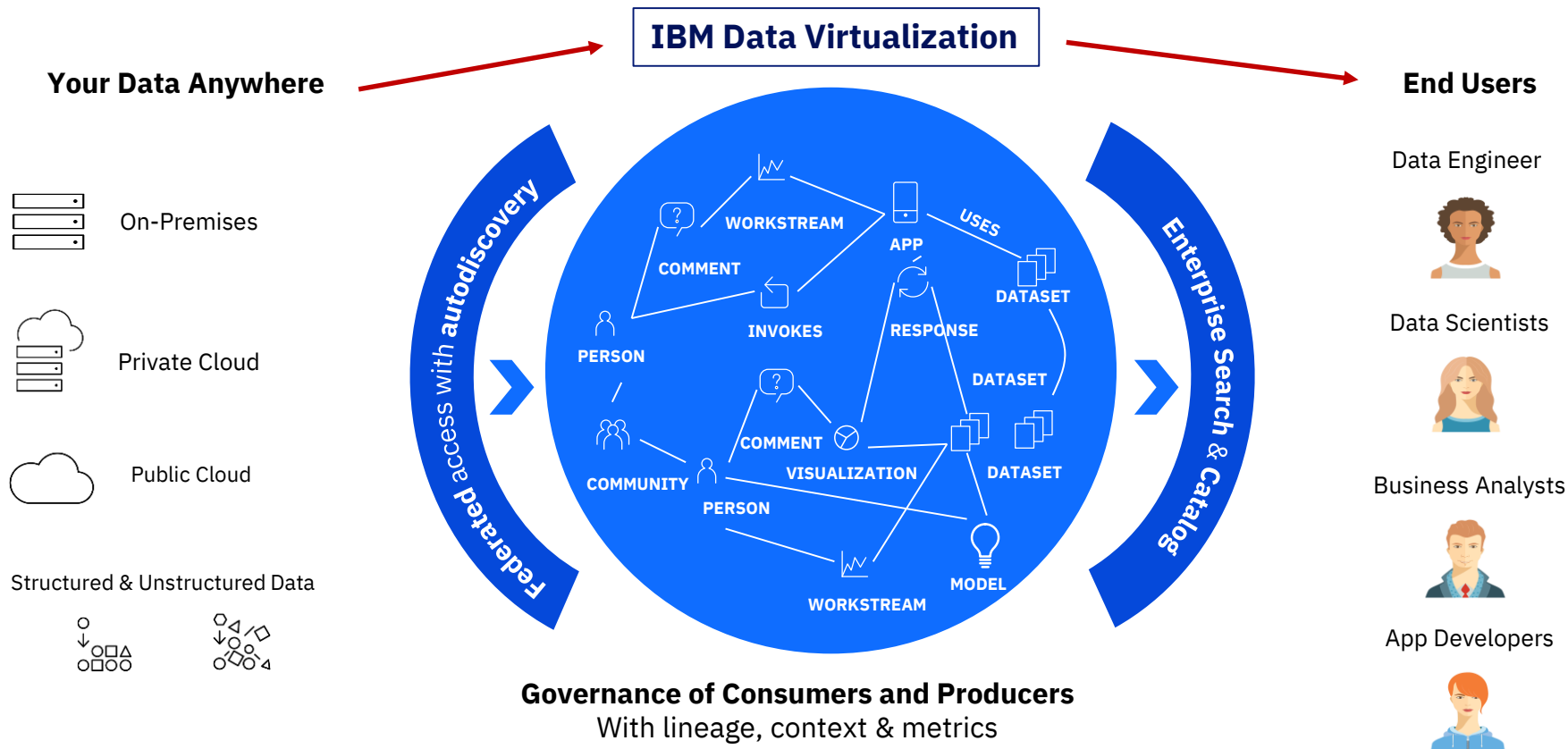
Watson Studio / ICP4D: AI for Smarter Business



IBM Cloud Private for Data

Category 1 : Accelerate Data Monetization

Use Case: **Manage All Your Data** – regardless of where it lives



Collect
**Hybrid
Data Management**



All Data

Open Source

Common
Application Layer

Write Once,
Deploy Anywhere

Organize
**Unified Governance
and Integration**



Find, Catalog and Mask
data

Integrate Fluid Data

Built-in Compliance

Machine Learning
Powered

Analyze
**Data Science and
Business Analytics**



Descriptive, Prescriptive,
Predictive

Coders and
Non-Coders

Advanced Analytics

Useful URL's

Watson Studio

<http://dataplatform.ibm.com>

Academic Initiatives

<https://developer.ibm.com/academic>

IBM Watson®

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