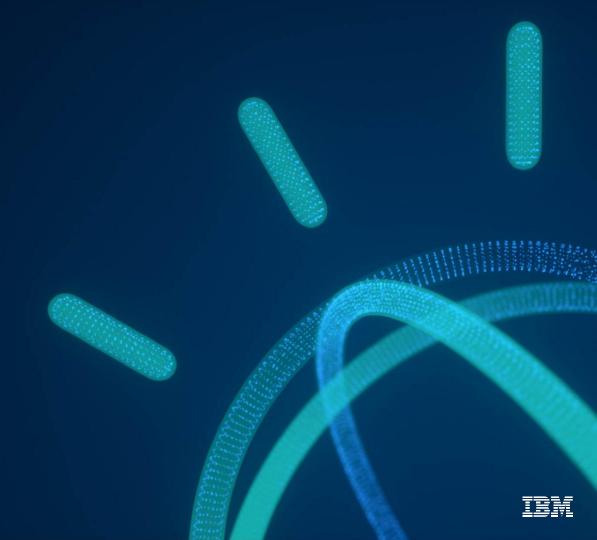
WATSON BRAZIL
DEVELOPER SUMMIT
2017

BigData e Analytics

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In just two days

we now generate as much data as was generated in total through 2003

80% of all data

is **unstructured** and growing 15 times the rate of structured data

Over 1 billion tweets

are sent every 3 days

5 million trade events

are clocked every day

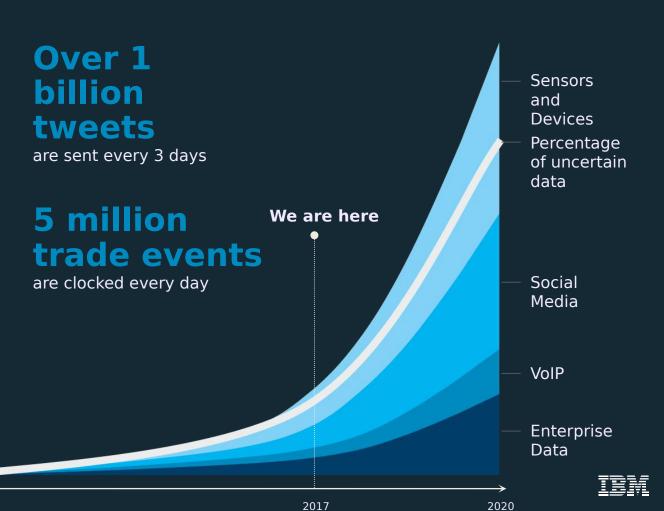


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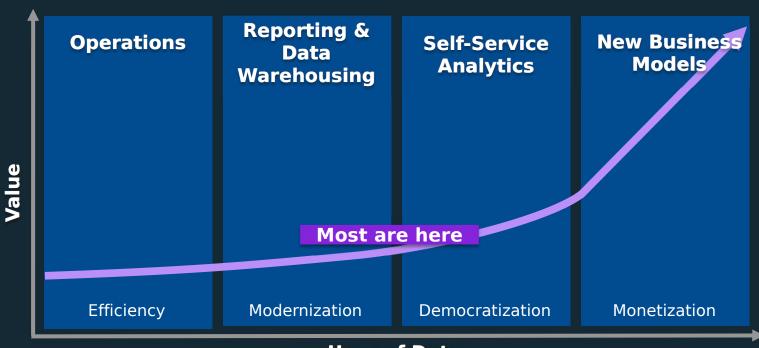
Decision-making is moving from the elite few to the empowered many



Data is emerging as the world's newest resource for competitive advantage Decision-making is moving from the elite few to the empowered many

As the value of data continues to grow - current systems won't keep pace





Uses of Data



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Technology

Tools used to craft raw materials

Tools & Skills



Hadoop

MapReduce

Python

ETL

Hadoop

MapReduce

Python

ETL

Linear regression

$$J(\theta_0, \theta_1) = \frac{1}{2m} \sum_{i=1}^{m} (h_{\theta}(x^{(i)}) - y^{(i)})^2$$

Gradient Descent

Classification

6/26

Hadoop

MapReduce

Python

ETL

Linear regression

$$J(\theta_0, \theta_1) = \frac{1}{2m} \sum_{i=1}^{m} (h_{\theta}(x^{(i)}) - y^{(i)})^2$$

Gradient Descent

Classification

Taxes

Revenue

CDR

Line of Business

CDR, Revenue Quality, Costs Cluster, Regression Weight, Parameters

Line of Business

CDR, Revenue Quality, Costs



Vamos criar aplicações melhores, mais adaptáveis, mais inteligentes.
Para nossos clientes.
Para nós mesmos.

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Laboratório https://ibm.box.com/v/watsondevelopersummit

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