

Data Culture in Industry : From Data Hole to Whole Data

DATA



KURAGO

SOFTWARE.
ENGINEERING.
SHEET METAL.

A black and white photograph of an office environment. In the foreground, a man with a beard and short hair, wearing a striped shirt, sits at a desk facing away from the camera, looking at a computer screen. Behind him, another man is visible, also working at a desk. In the background, there are more desks, computer monitors, and office equipment. The overall atmosphere is professional and focused.

1

We are Kurago

Alejandro Barredo Arrieta
Aitor Gamarra Morales

2 Industry reality

Poor data quality

Data are not consistent

There are not data at all

1

We are
Kurago

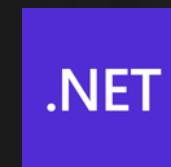
2

Industry
reality

3

First Solutions

Acquisition solution



Cloud analytics and visualization solution



- 
- 1 Somos Kurago
 - 2 Industry reality
 - 3 First Solutions

4 First Kurago team working on data solutions

Taking up the torch and evolving existing system
Creating a new solution to manage machine data

- 
- 1 We are Kurago
 - 2 Industry reality
 - 3 First Solutions
 - 4 First Kurago team

5 The team gets split in two

Team **A**: further develops the cloud solution

Team **B**: I+D searching for solutions acquisition

- 
- 1 We are Kurago
 - 2 Industry reality
 - 3 First Solutions
 - 4 First Kurago team
 - 5 Team split in two

A The insights era

Dynamic visualizations
ETLs

B Acquisition development

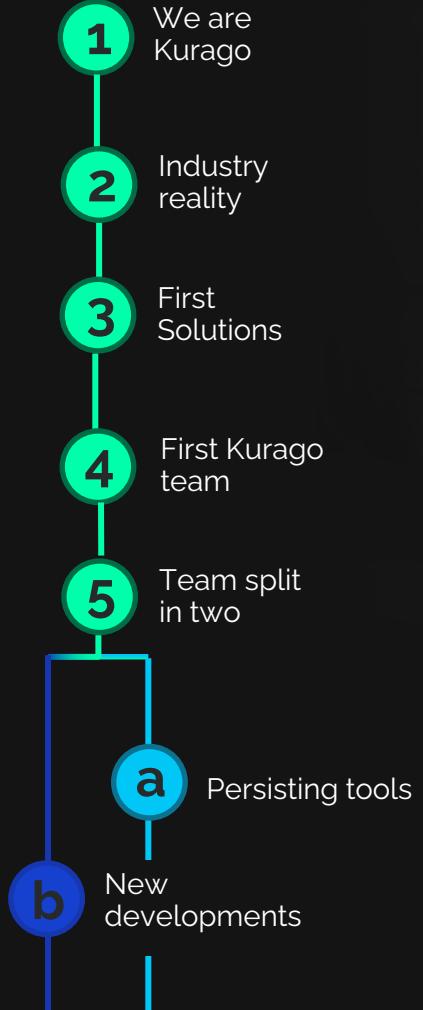
POCs:

- Connect machines
- Choose protocols
- Design schemas and structures



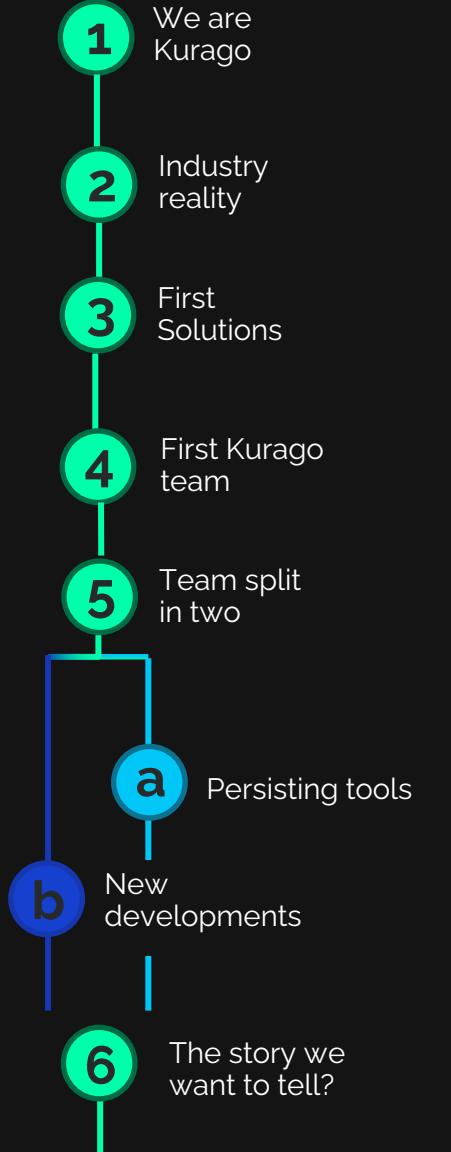
What was the reality at that time?

Machine data: constant, high volume.
Uncertainty on what can be done
Need of proofs of concept
There was no data culture



6 What's the story we want to tell?

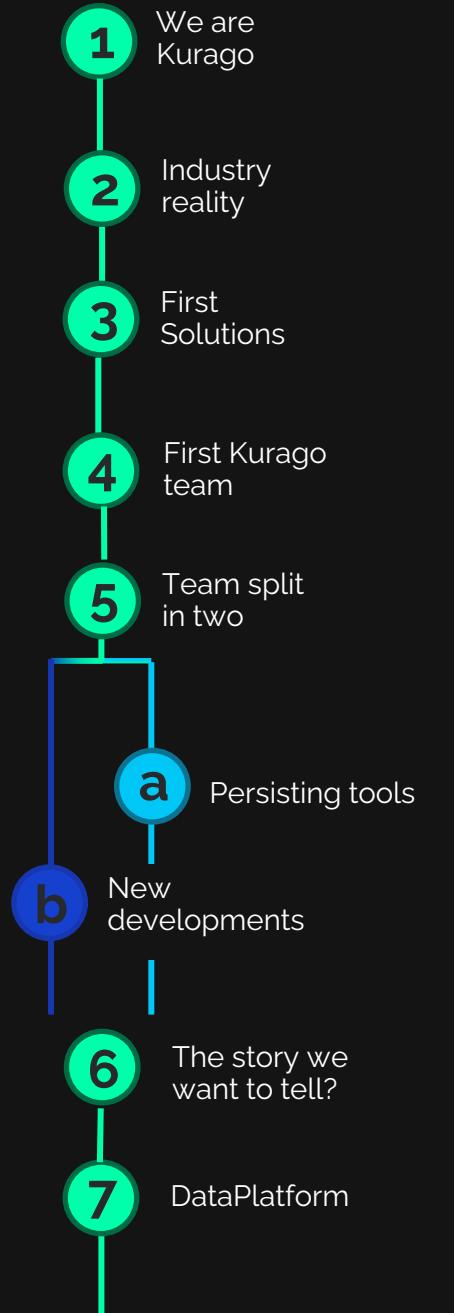
- Building advanced graphics
- Data acquisition
- Opportunities open through these changes



7

DataPlatform as game-changer

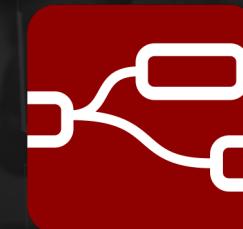
- New data approach in the organization
 - Stakeholders and data producers
 - What does the data provide? For whom?
 - Mentality shift



8

Data-centric development

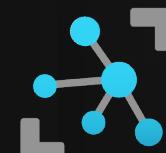
- New ETLs
- New DBs
- New acquisition forms
- New functionalities

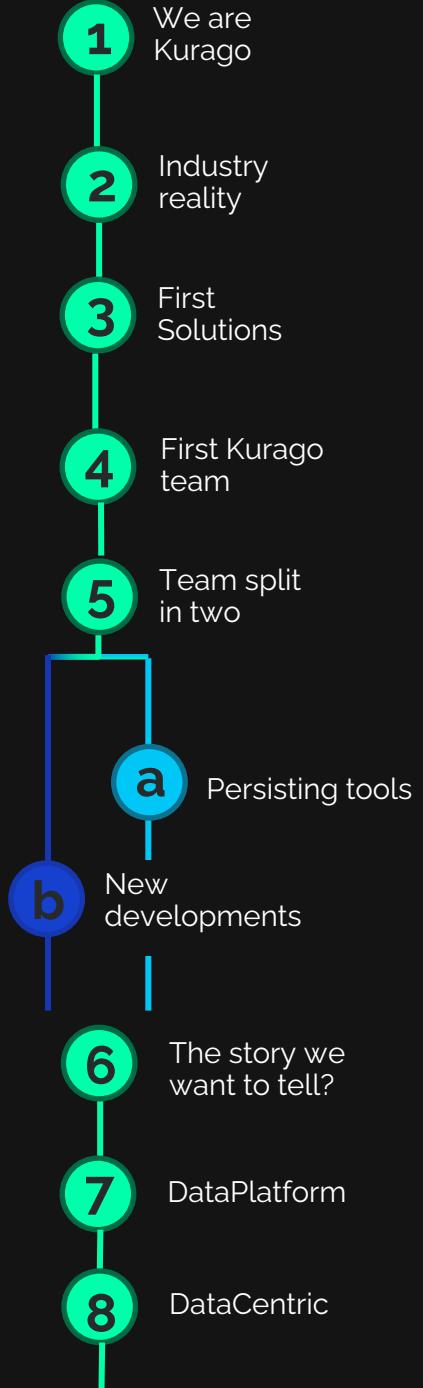


ECHARTS



CPC UA





9

The future

Still many issues to solve

Many systems to be included

We have a solid foundations and we are well prepared

Analytics

