

POSEDIO

Your guiding light to innovation



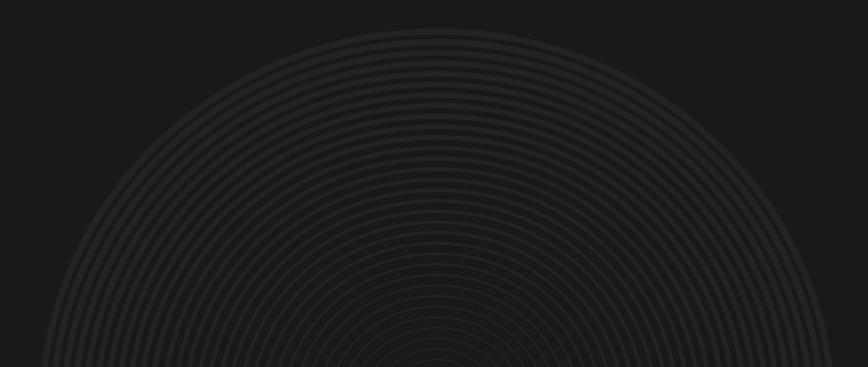
THE REWE DATA PLATFORM

A step towards a data mesh

FLORIAN PETER AMBIAUX-PRIBAHSNIK DAMJAN GJUROVSKI

THE REWE DATA PLATFORM

- 1. Vision and architecture
- 2. Organizational and technical challenges
- 3. What we got right and the impact it had
- 4. A platform is never finished

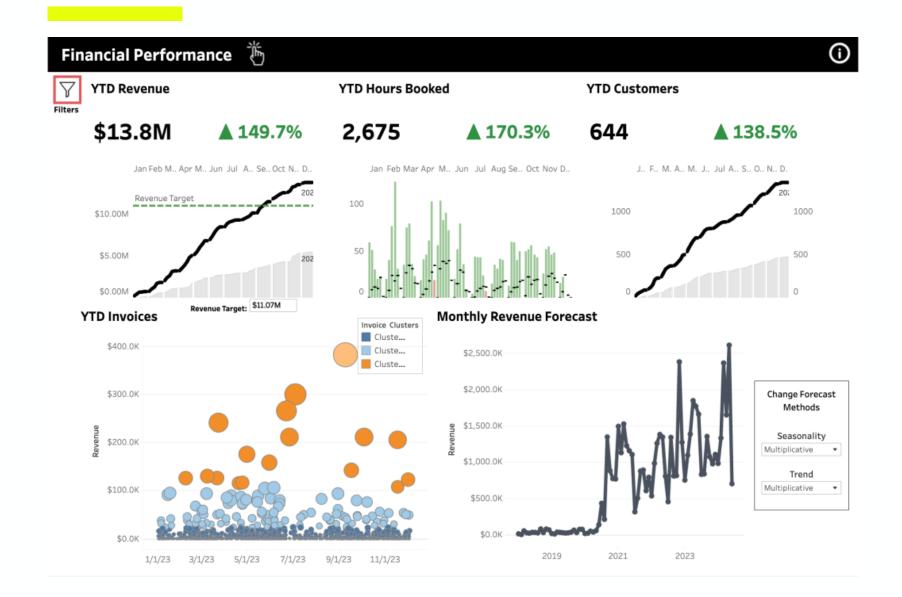


THE VISION

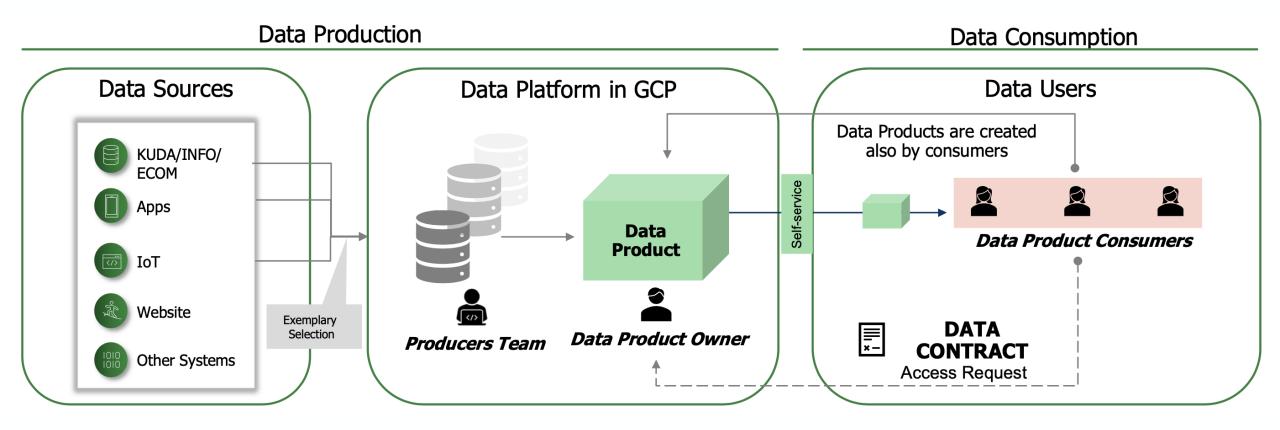
- Self-service producers and consumers
- Data catalogue
- Centralized compliance

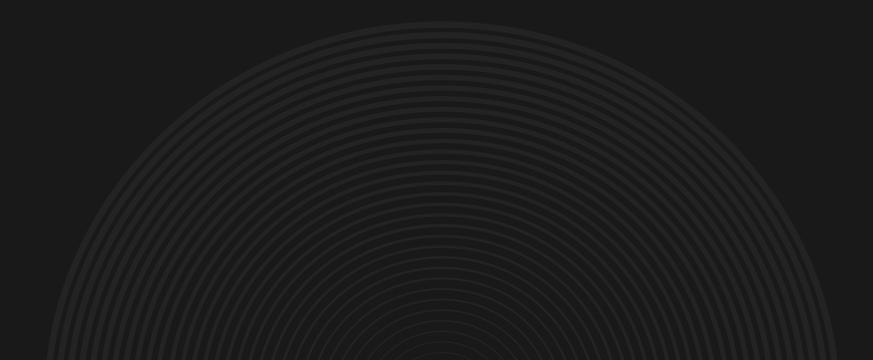
THE VISION.

"To be Earth's best one-stop-shop for providing, searching, and consuming business relevant data."



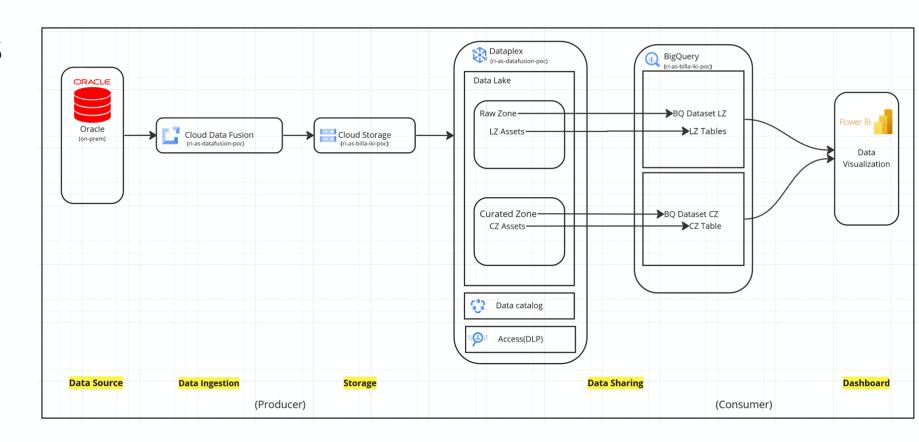
ARCHITECTURE





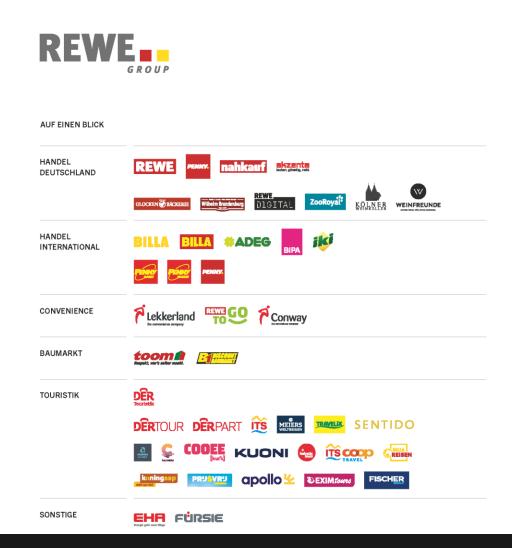
TECHNICAL CHALLENGES

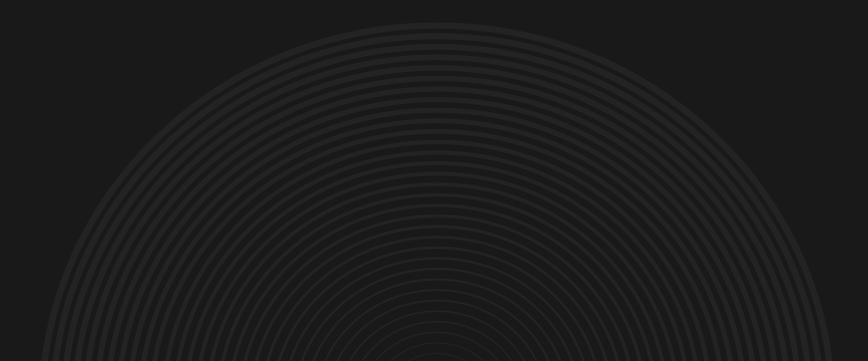
- Ecosystem is not mature, tools don't always work
- Massive amounts of data



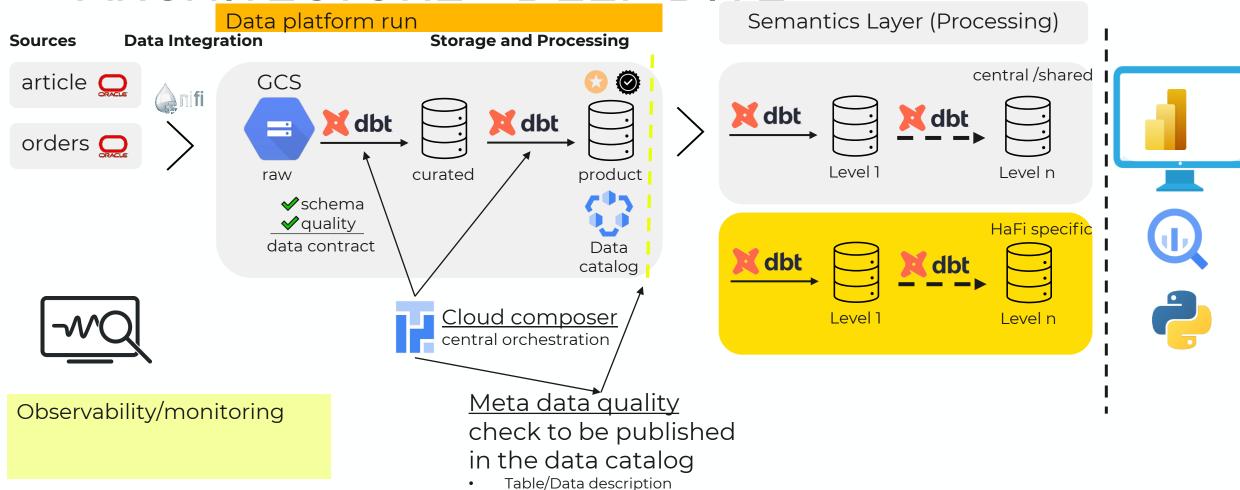
ORGANIZATIONAL CHALLENGES

- Adoption of a productbased mindset
- Golden path
- Freedom vs. control





ARCHITECTURE - DEEP DIVE



70% column description

HOW WE MEASURE IMPACT OF OUR DATA PLATFORM



Platform Stability



Infrastructure cost vs. plan: Tracks the costs for data infrastructure (DWH, pipelines) vs. the plan



Data Uptime: % of the data pipelines which were providing data without reported incidents



Dimensions

of Impact

Data Quality & Governance



Validation and cleansing: % of data products using validation & cleansing



Policy as code: monthly # of policy violations of deployed code



Data Monthly Active Users (DMAU): Users of our data platform and reporting techn., monthly basis

Data Adoption



Data Maturity Score: yearly measure of current data maturity against our 6 data governance topics

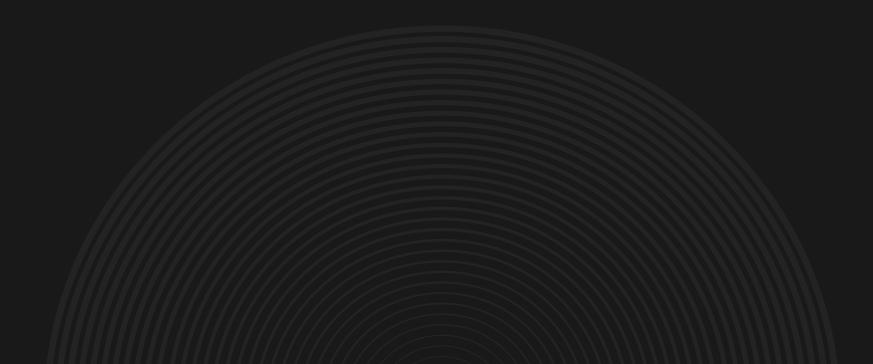


Data Team Value: Value in € of analytics products on data platform



Efficiency score: Value in € of internal processes savings due to central reporting

Revenue/Efficiency Impact



THE WAY FORWARD

- Multiplatform
- Easy onboarding
- Data contracts
- MLOps and Al
- Streaming data

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