

Kiwi.com Data Mesh in Production



Martina Ivaničová

- leading Data Intelligence Tribe at Kiwi.com
- passionate about data and people
- traveller

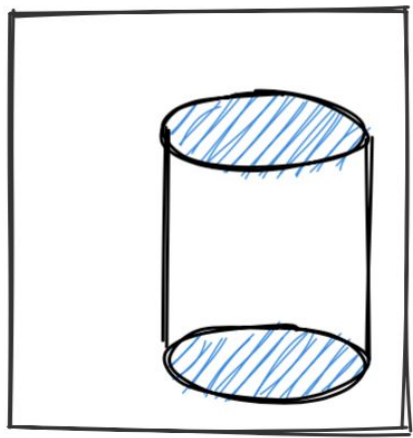


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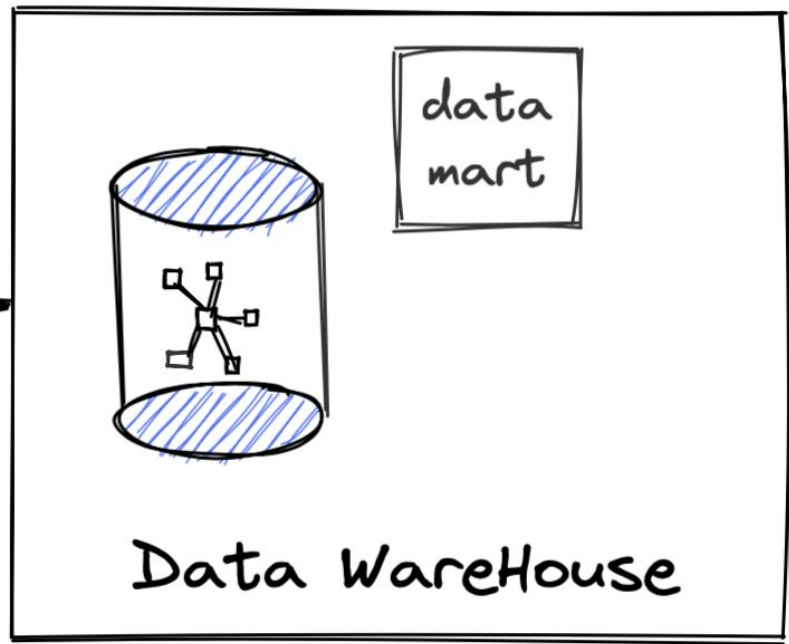


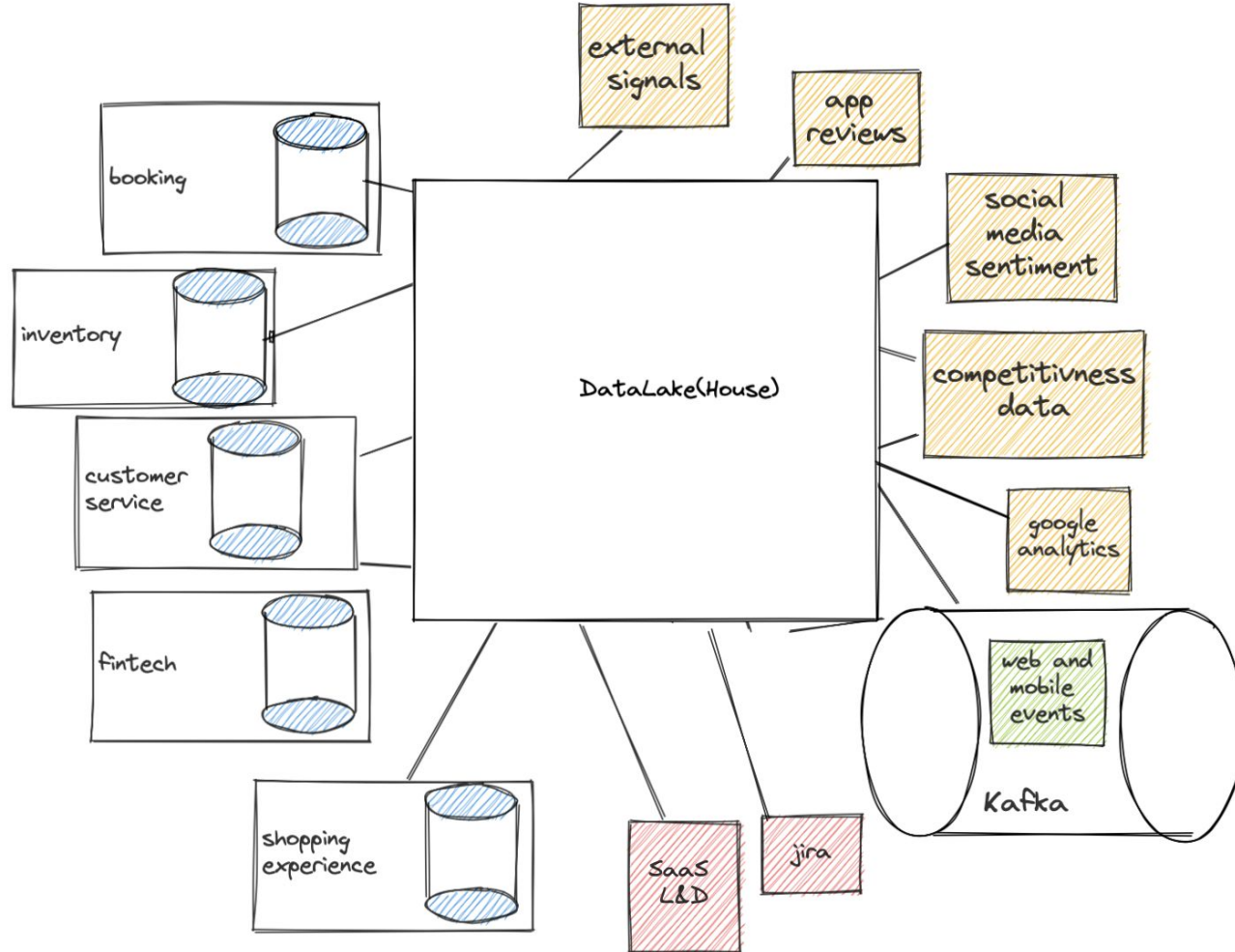
10+ years ago



Prod

ETL





- 450+ data pipelines
- 1 central data platform team
- No contract between data producers and consumers





So you go and pick food from the fridge



- Is it fresh?
- Is it consumable?
- What is this item here?



What Data Challenges You Face?

"**undocumented** tables, unawareness of new tables/models"

"**data quality issues** usually on engineering side"

"need for access to all data with a **good data explanation** and consistency"

"poor **data quality** and missing clear data pipelines"

"I don't understand what data I am looking on"

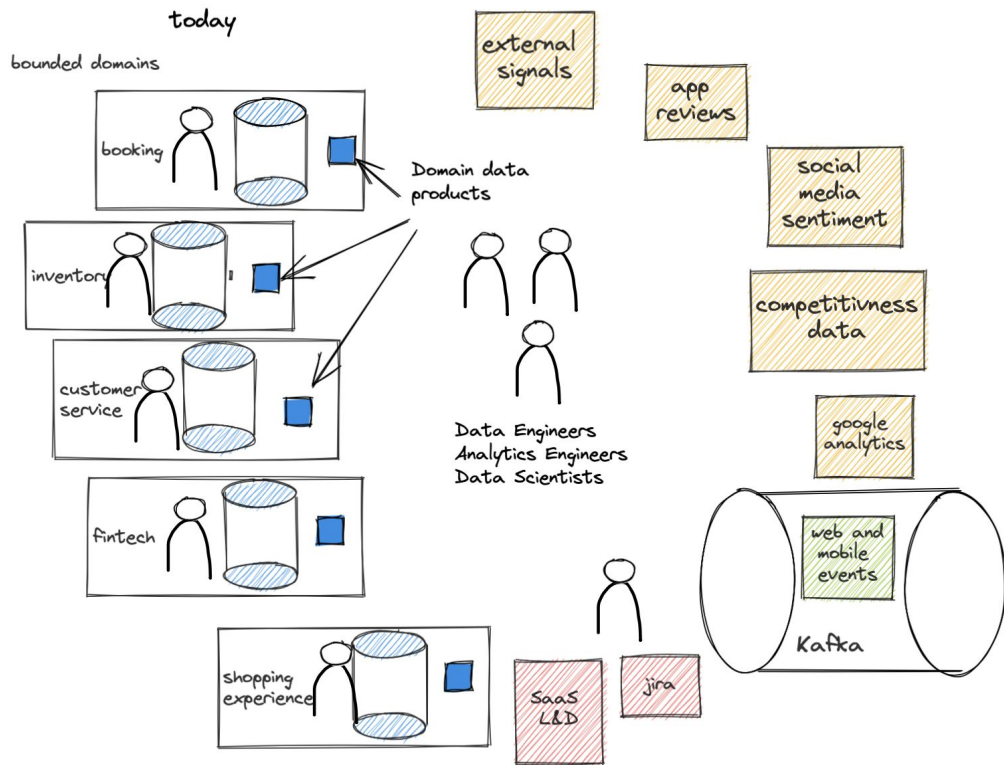


What We Thought Might Work

- automated consistency checks
- data lineage & schema change alerting tool
- data catalog
- tooling for custom data quality checks

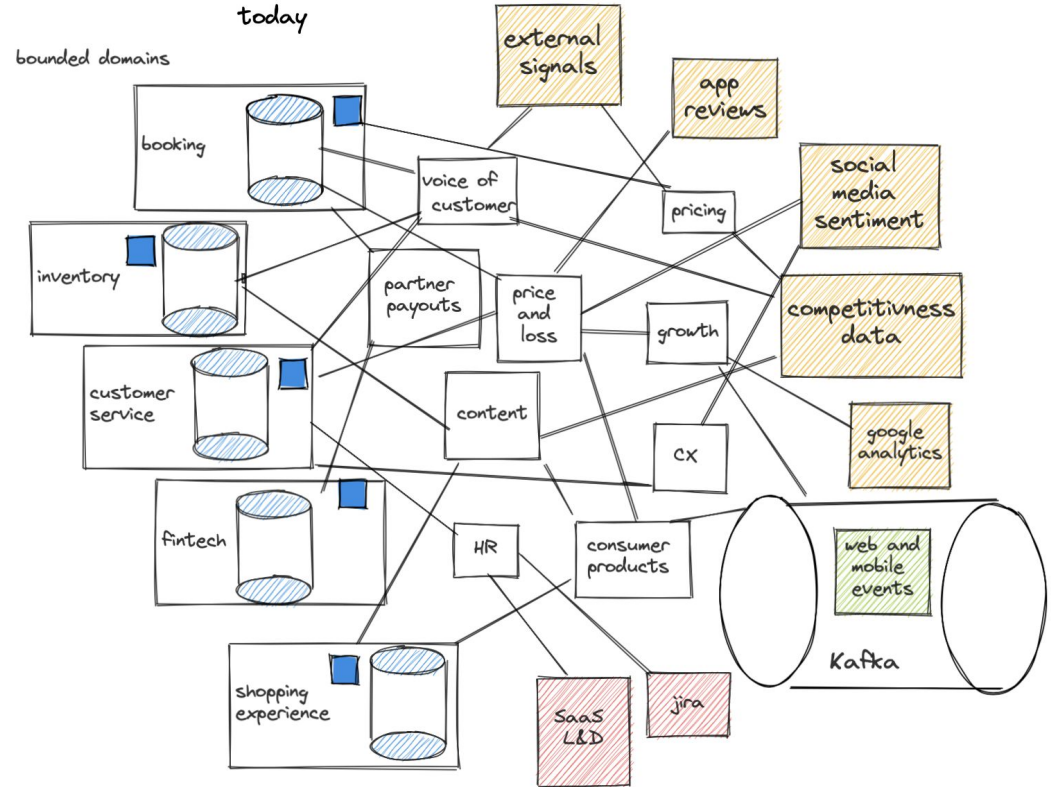
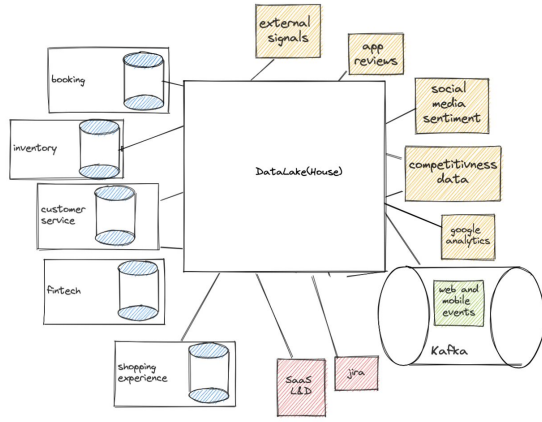


Teams Sharing Domain Data Products



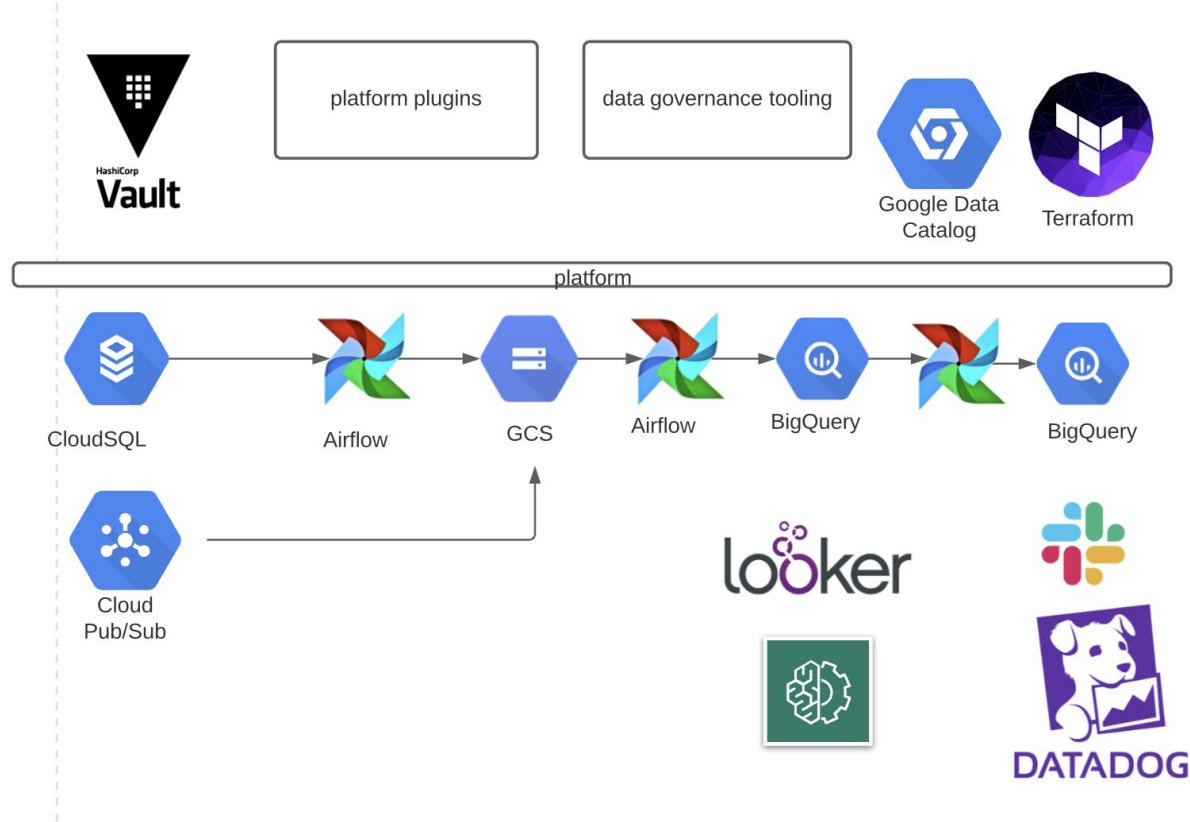
- standardized way of accessing domains' data products
- Centralized platform tools and data standards, decentralized domain data
- Scalability & performance

Federated model





Tools we use





Thank you!

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martina.ivanicova@kiwi.com

<https://www.linkedin.com/in/martina-ivanicova/>