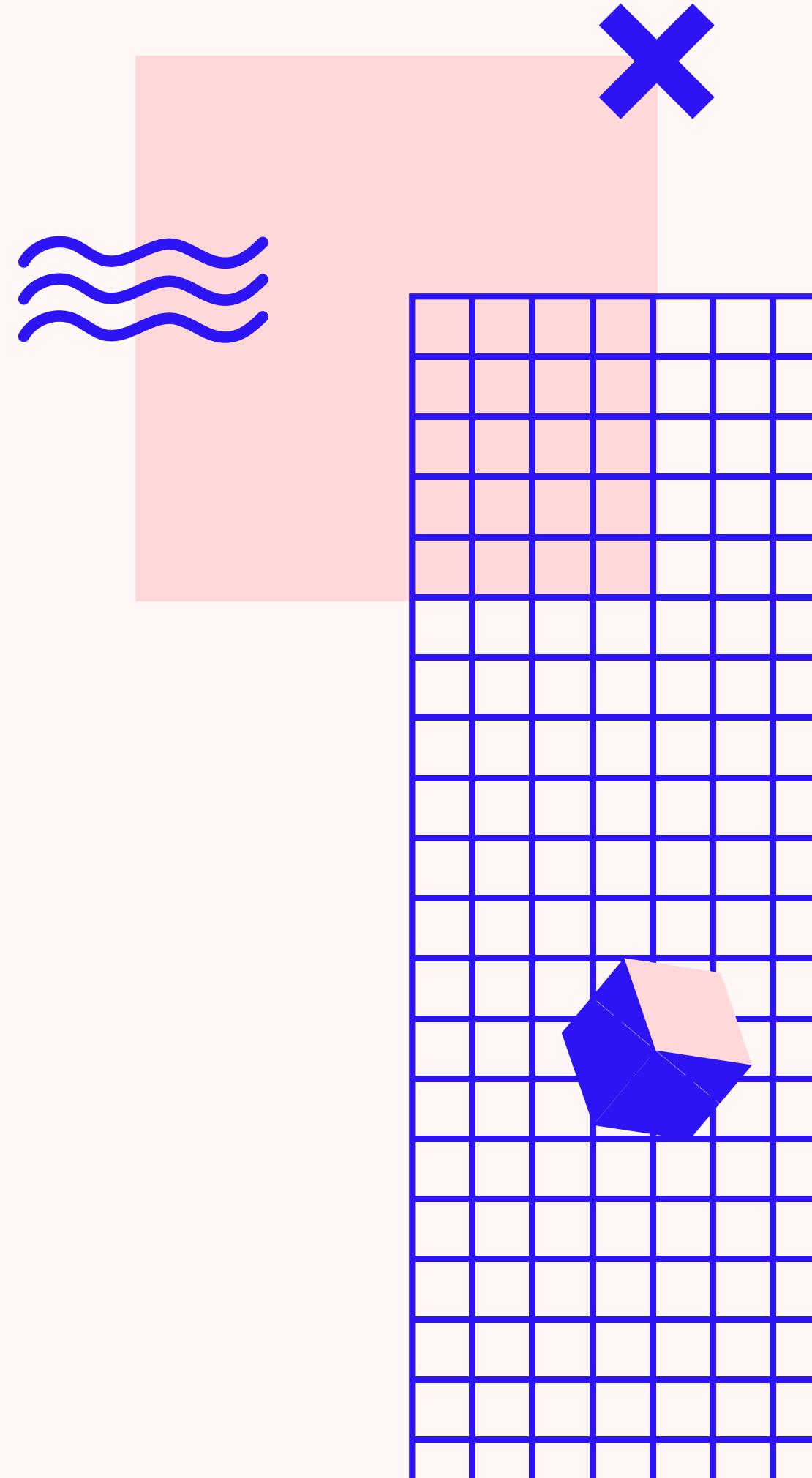
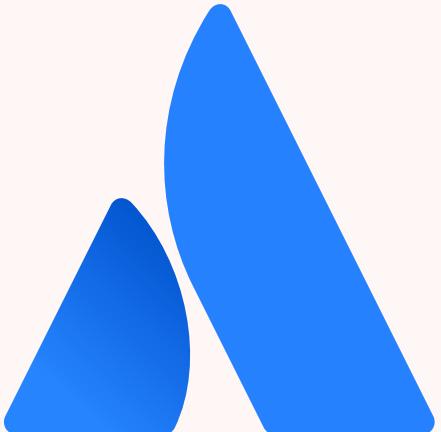


+ SYDNEY DATA ENGINEERING
MEETUP

2019 in Review



We had 12 meetups



hydrogen



wework ThoughtWorks







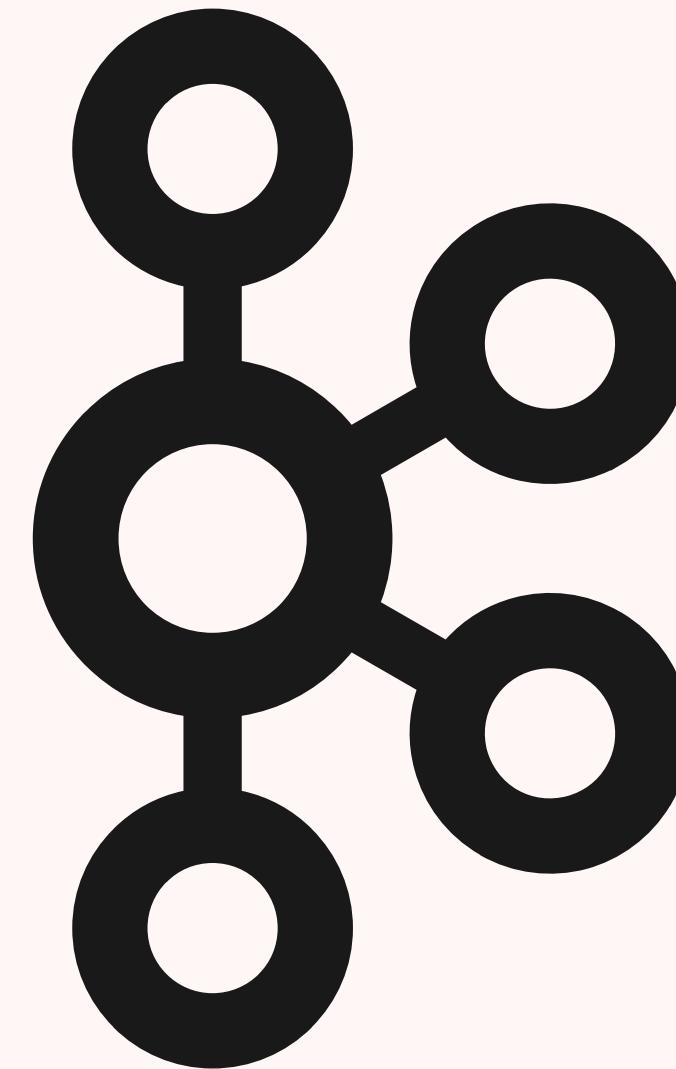
Women in Data Engineering

Let's fix this in 2020

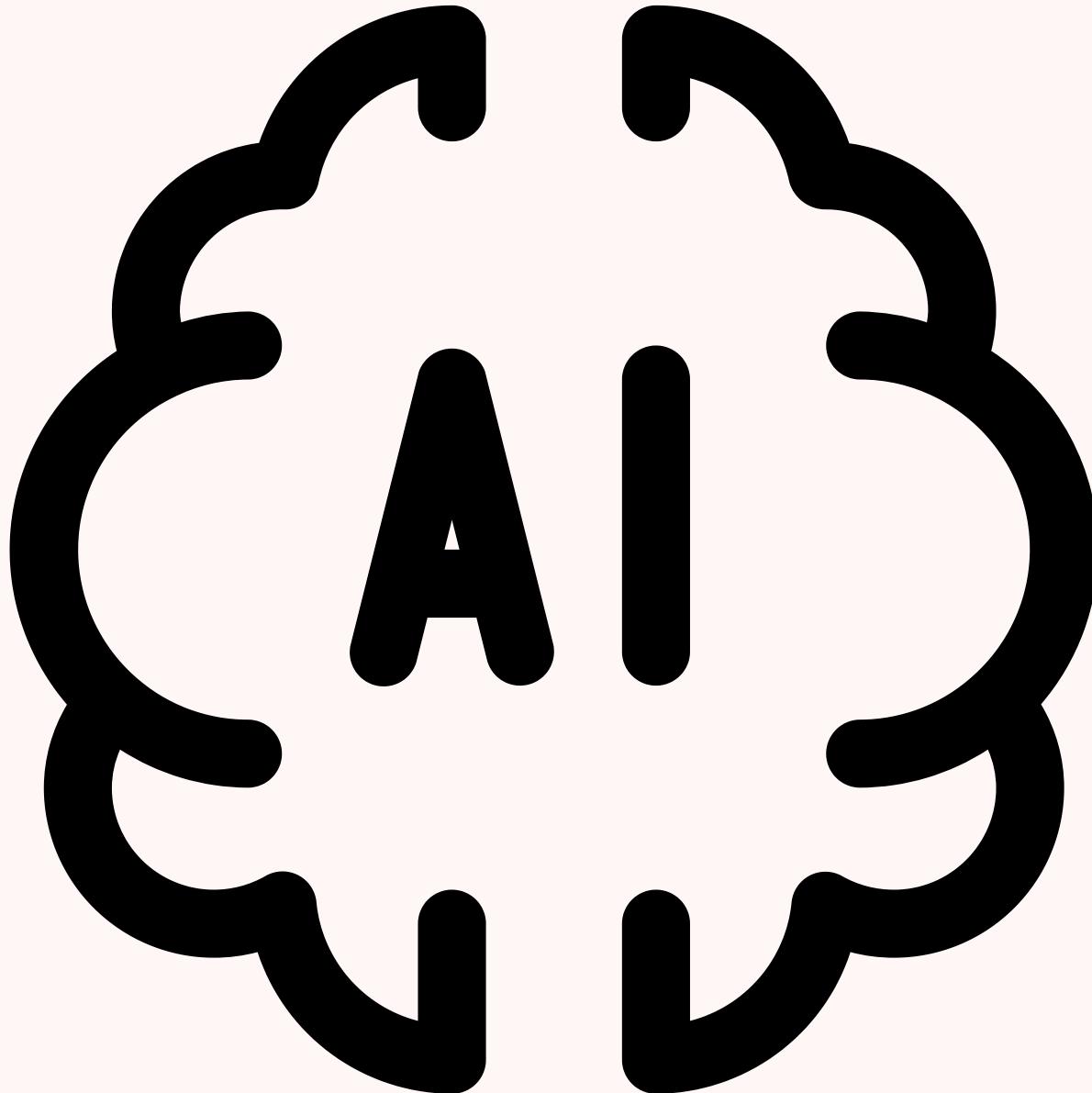
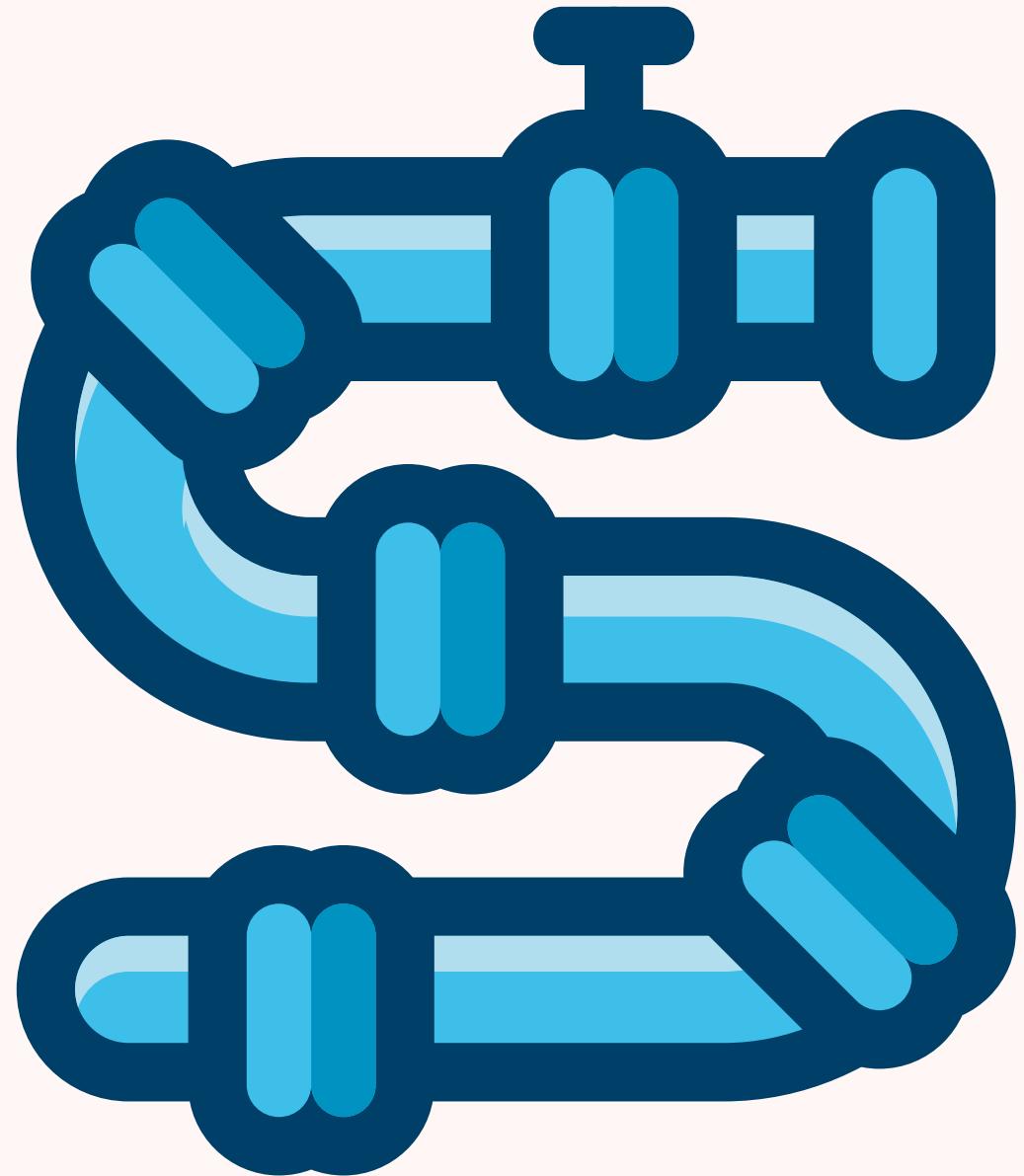


**So what did i
notice in 2019**

Event buses became mainstream



DataEng <> ML

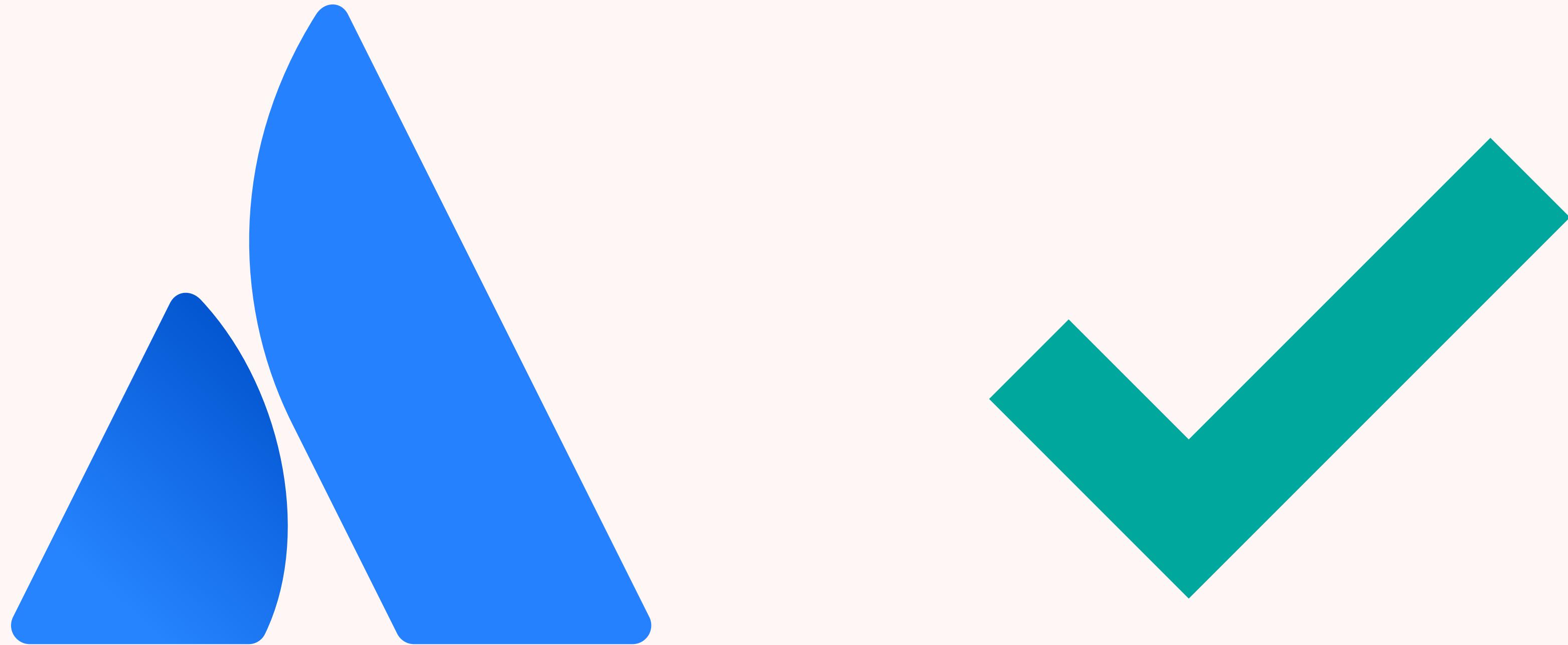


Data ops began

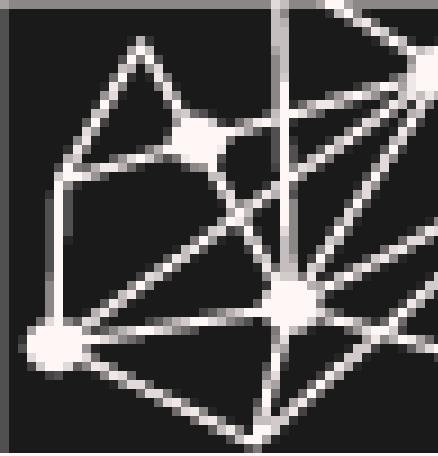


**what did we
solve**

Self-service data quality



Dataops

 DECKARD



Schema evolution

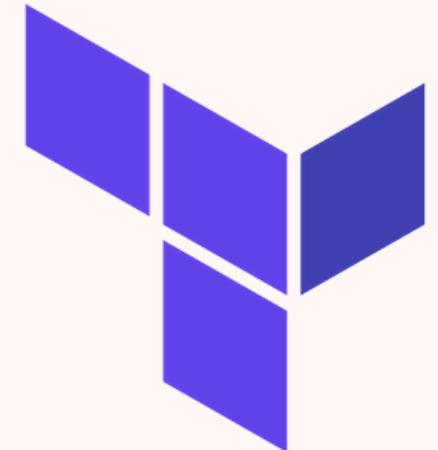


**So what's in
store for 2020**

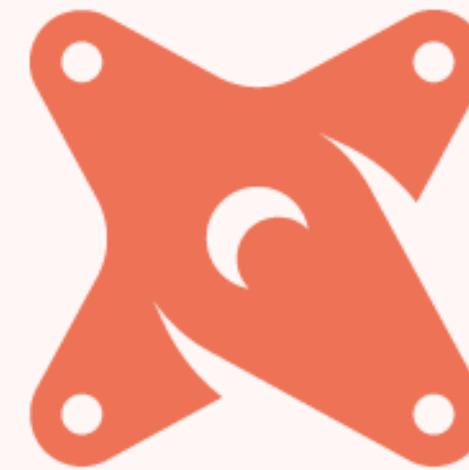
**Devops is
going to
eat the
data
stack**



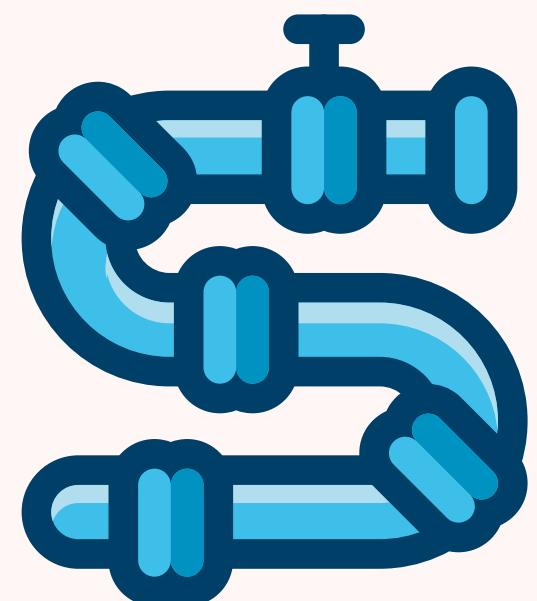
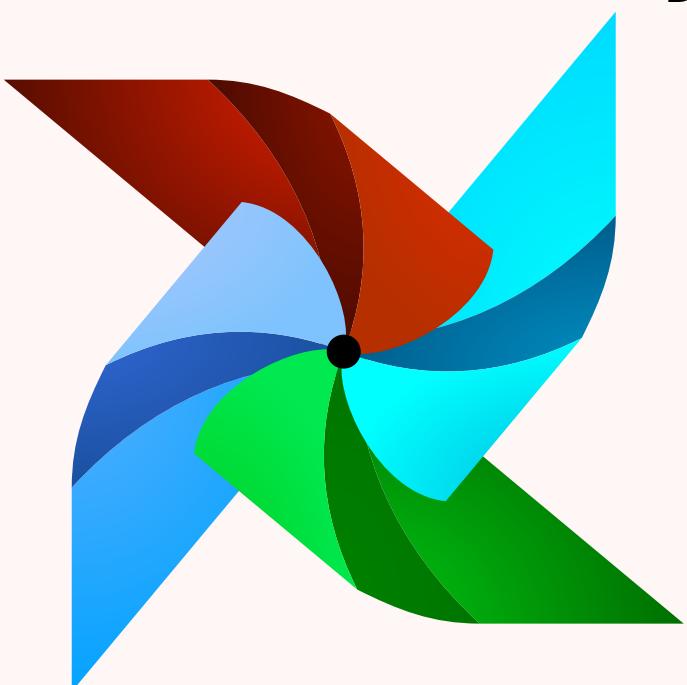
Infrastructure



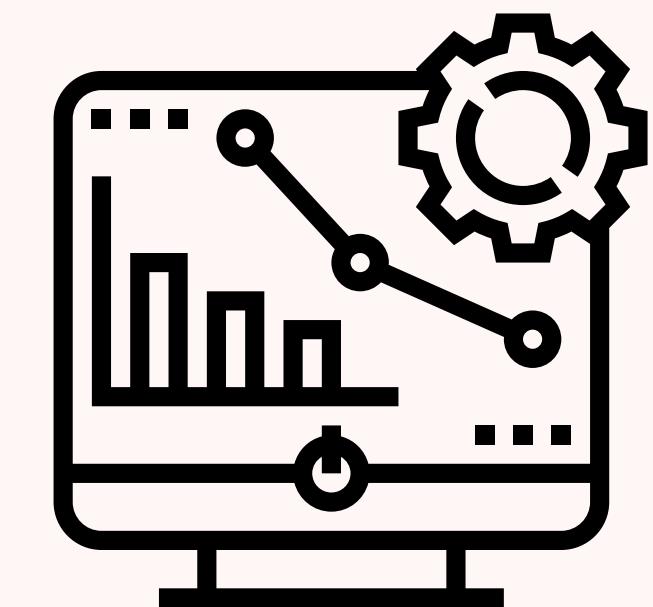
Data Warehouse



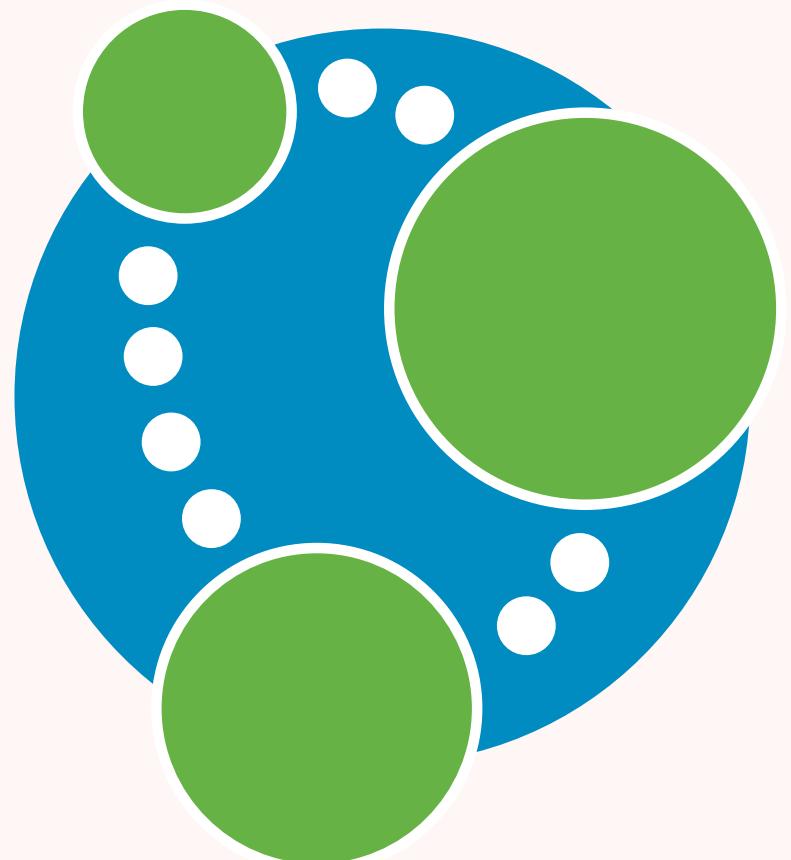
Data pipelines



Data Visualisation

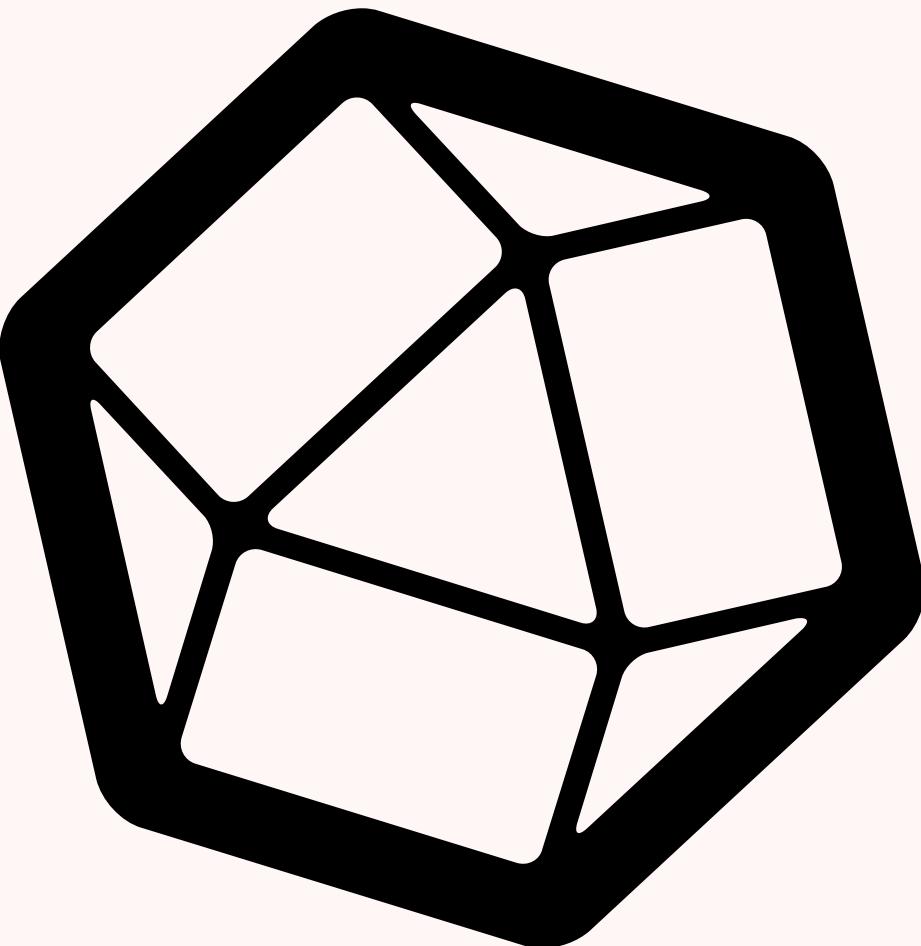


GraphDB



Data lineage
and metadata

TimeseriesDB



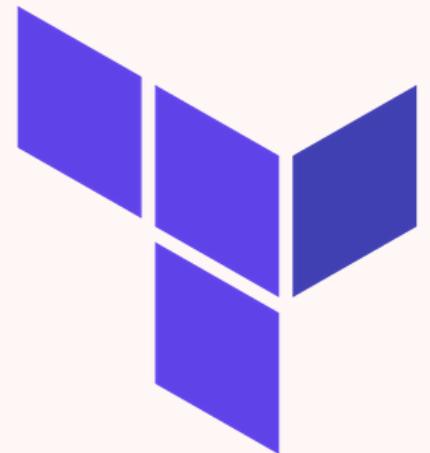
Metrics and
Anomaly detection

ElasticSearch

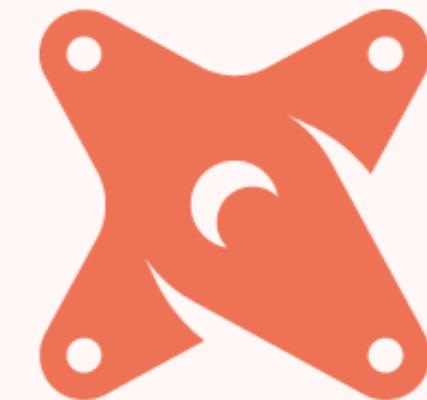


Data as a Product?
Users need search

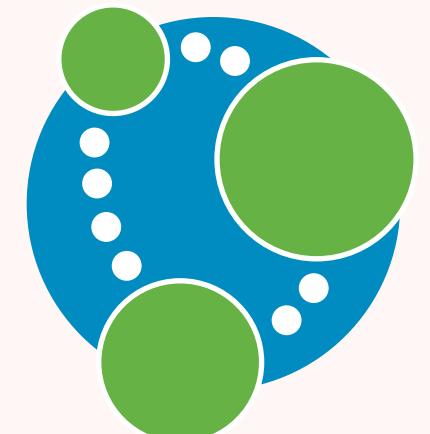
Infrastructure



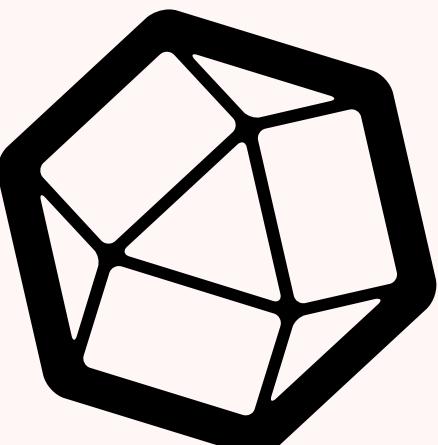
Data Warehouse



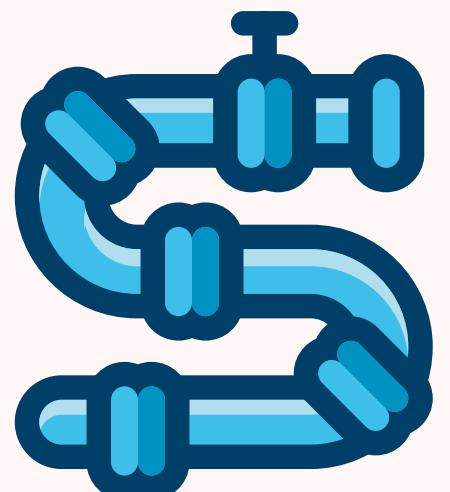
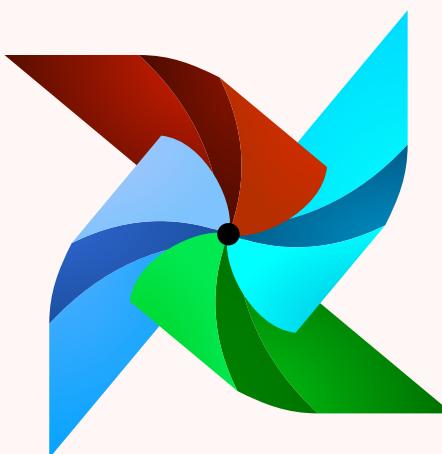
Metadata & Data Lineage



Metrics



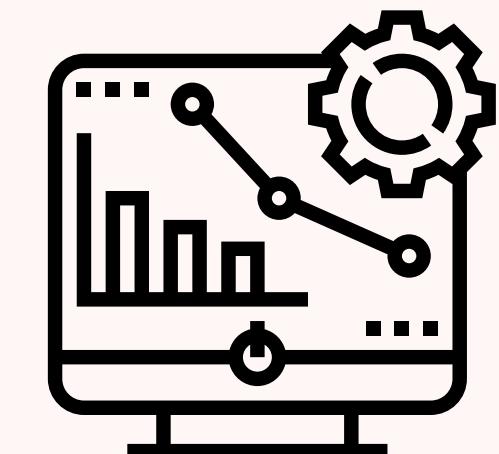
Data pipelines



Search



Data Visualisation

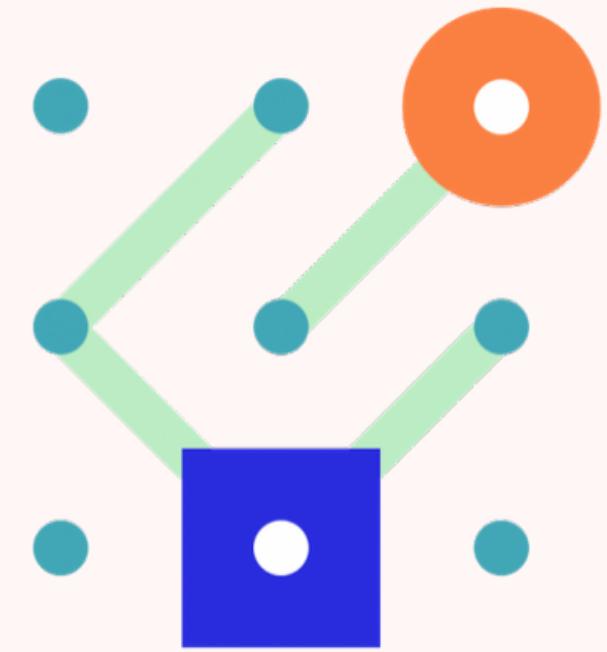




monzo

1,500 micro
services



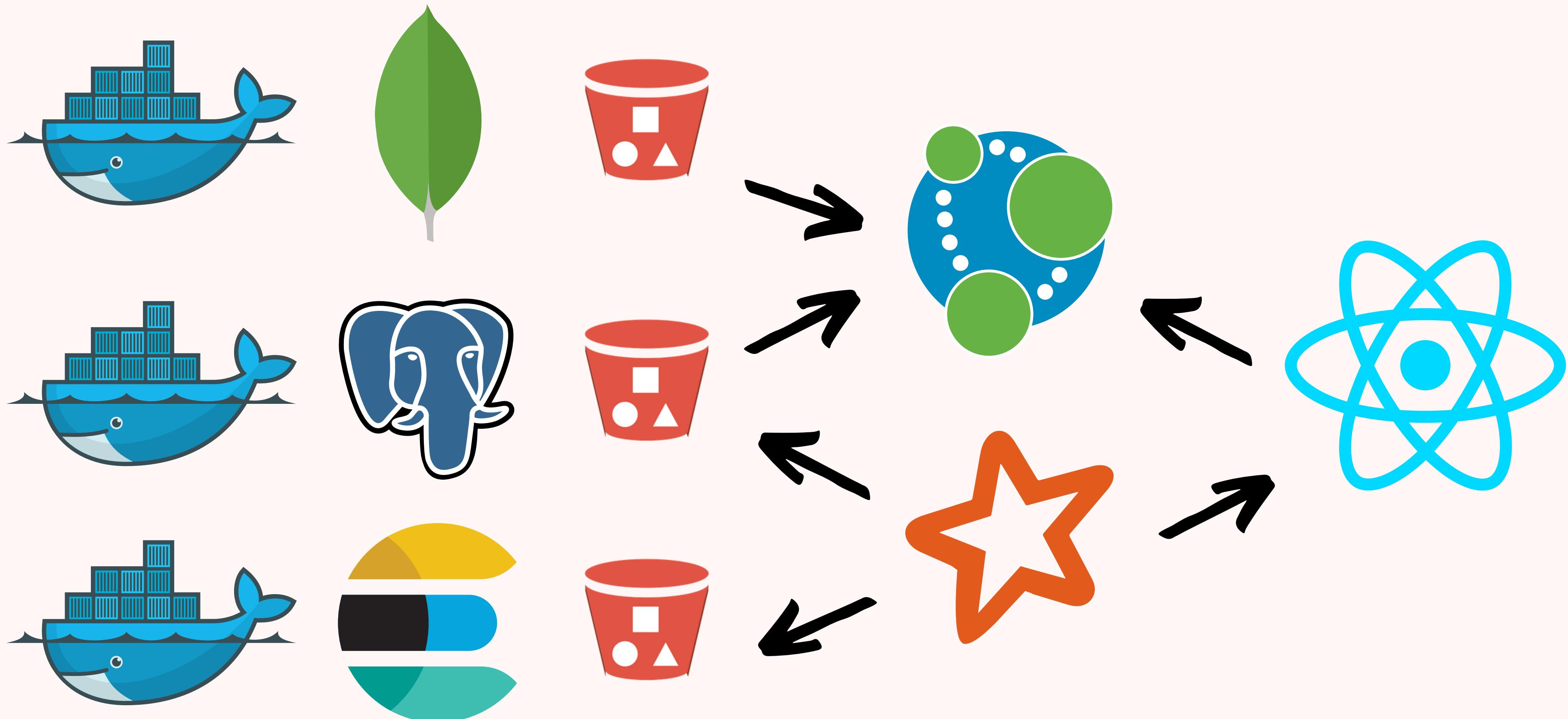


Service Mesh Interface

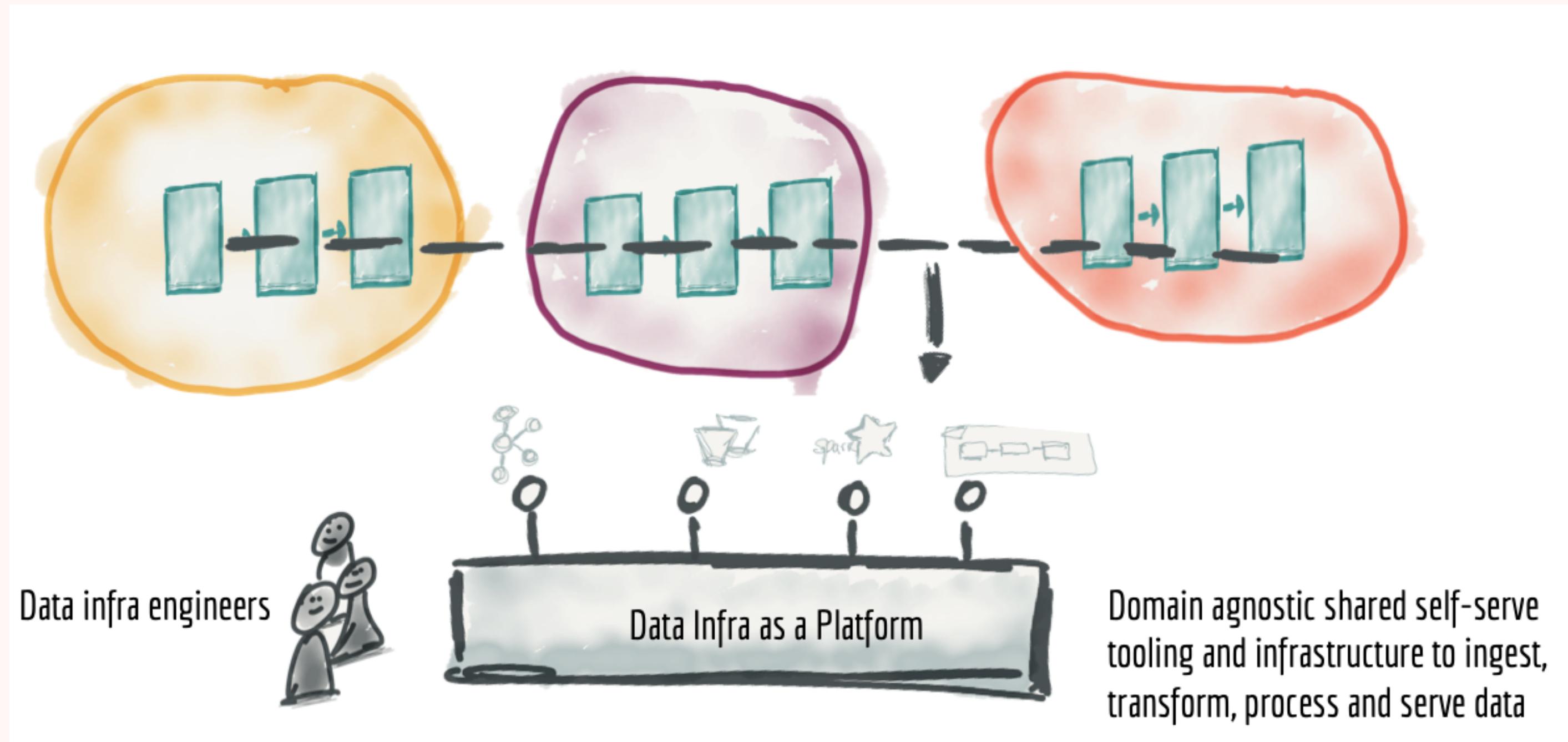


micro data lakes

Microservices with micro lakes



DataMesh



Zhamak Dehghani

Panel



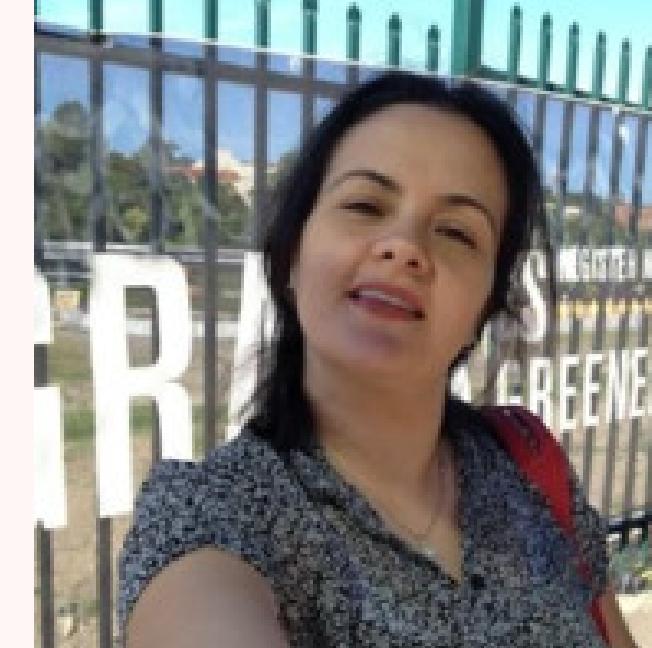
Rohan Dhupelia
Data Eng Manager
Altassian



Jess Flanagan
Head of Eng
Deckard Technologies



Greg Roodt
Data Eng Lead
Canva



Ingrid Anzola
Principal Data Eng
Deputy



Simon Aubury
Principal Data Eng
ThoughtWorks