data.world
Quick Platform Overview

Agenda

01 Introductions

02 Core Pillars

03 Who's Using data.world & Why

04 Demos

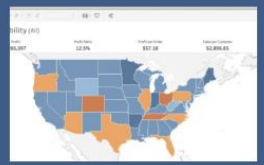
05 Q&A

Core pillars of the data.world catalog

Technical metadata

```
tm_member>
  tm_member_id
  tm_member_name
  tm_member_status
```

Report metadata



Team Member Count by State

Business metadata

Team member
defined as
Full time or part time employee of company

Virtualized Datasets

Office Locations and Employee Counts

```
tm_member
corp-locations
active.payroll
```

Projects

Will we need an office in Chicago in 2021?

4 Common Reasons Why Companies Are Using data.world

Agile Data Governance

Find & Discover Data

Data Mesh / Semantic Web

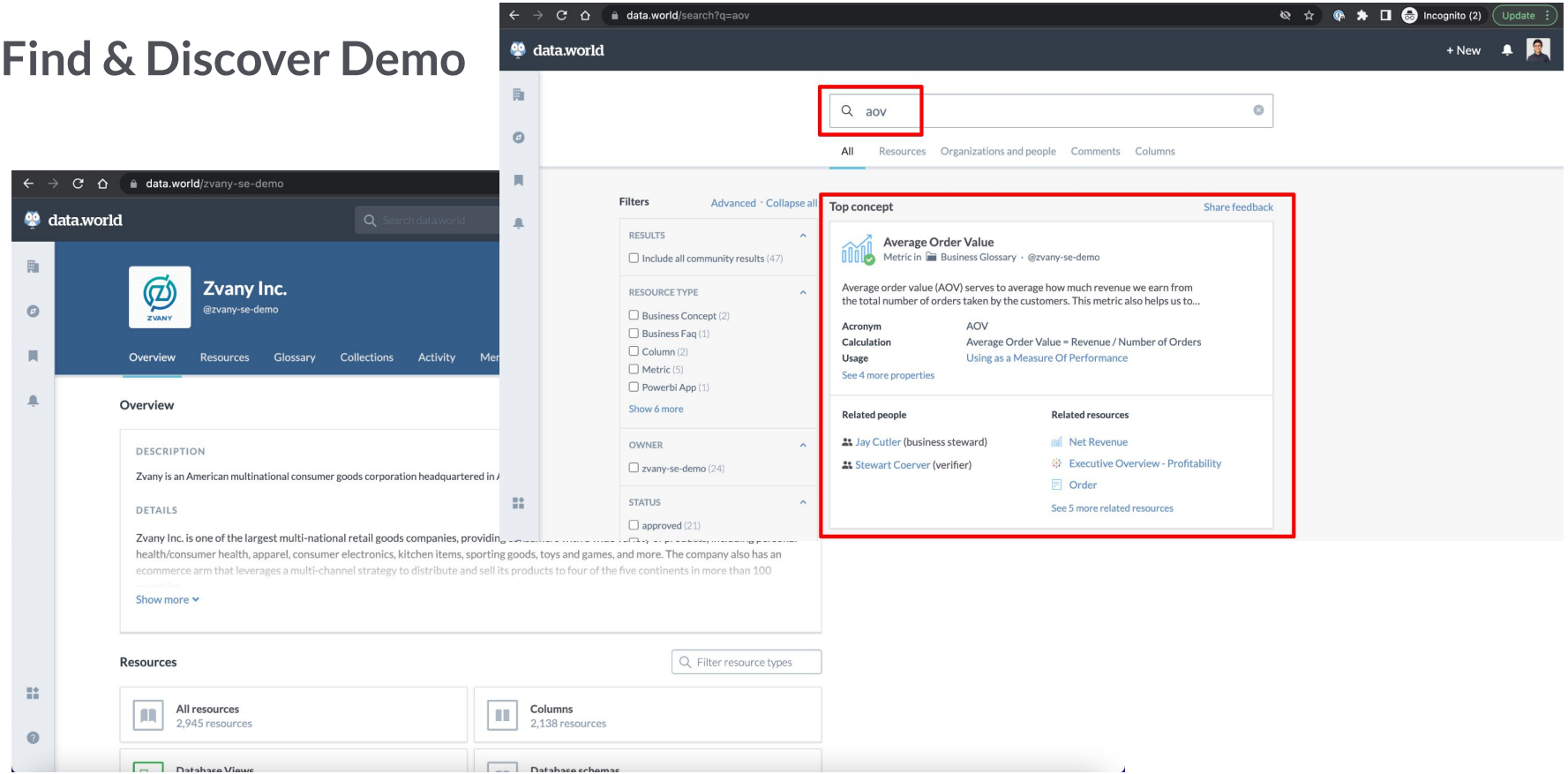
Cloud Migration

Find & Discover Data

Figuring out who, what, where…

- **Automated Inventory**
- Capture All data sources
- ML-assisted organization
- Meaning and data linked

Find & Discover Demo

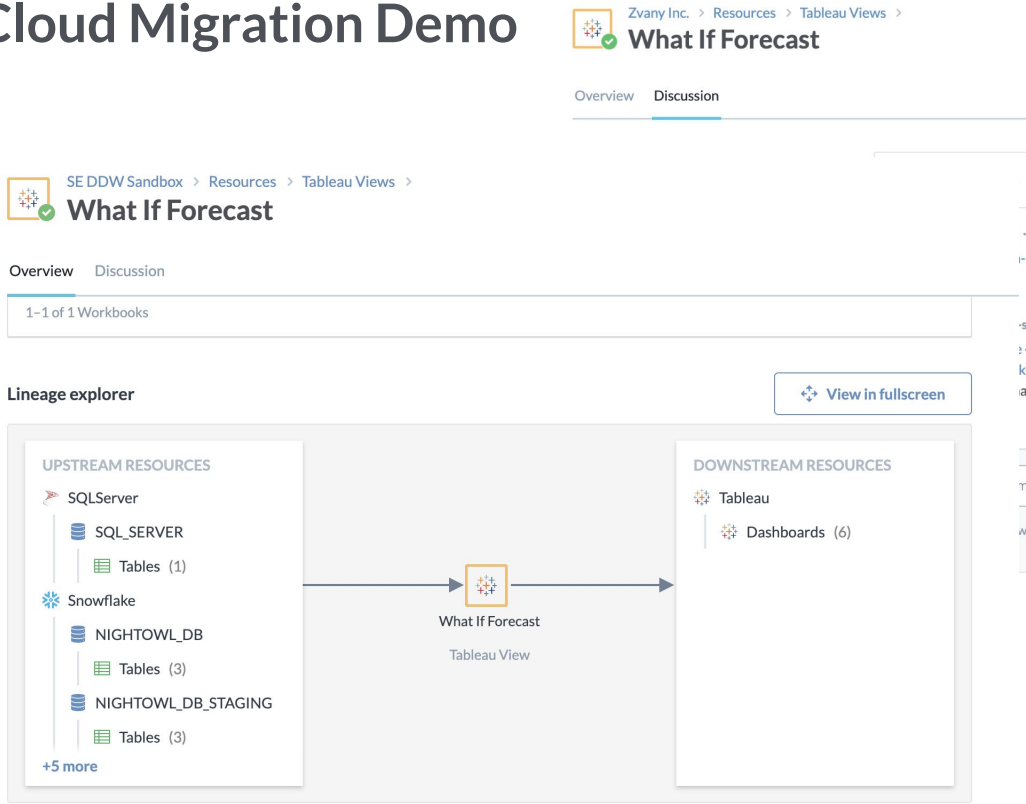


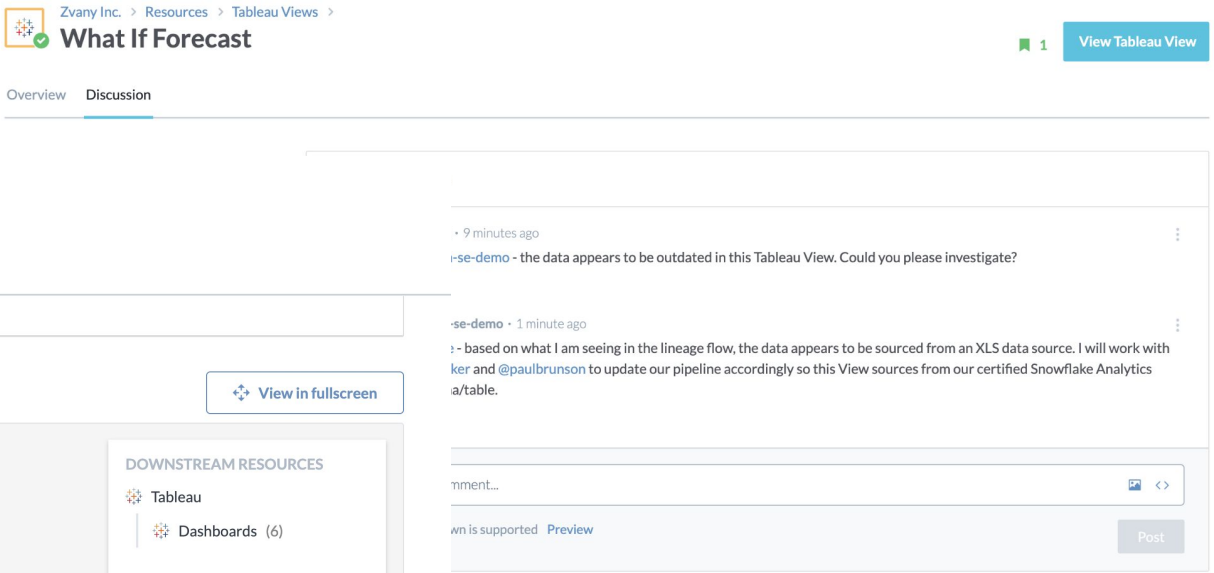
Cloud Migration

Moving from on prem to the cloud

- **Virtualization & Federation**
- Capture data lineage
- Pinpoint issues, mitigate migration headaches
- Automated Metadata capture

Cloud Migration Demo





WEEKLY PODCAST

Catalog & Cocktails

Wednesdays at 4PM CT (US / Canada)

Listen on

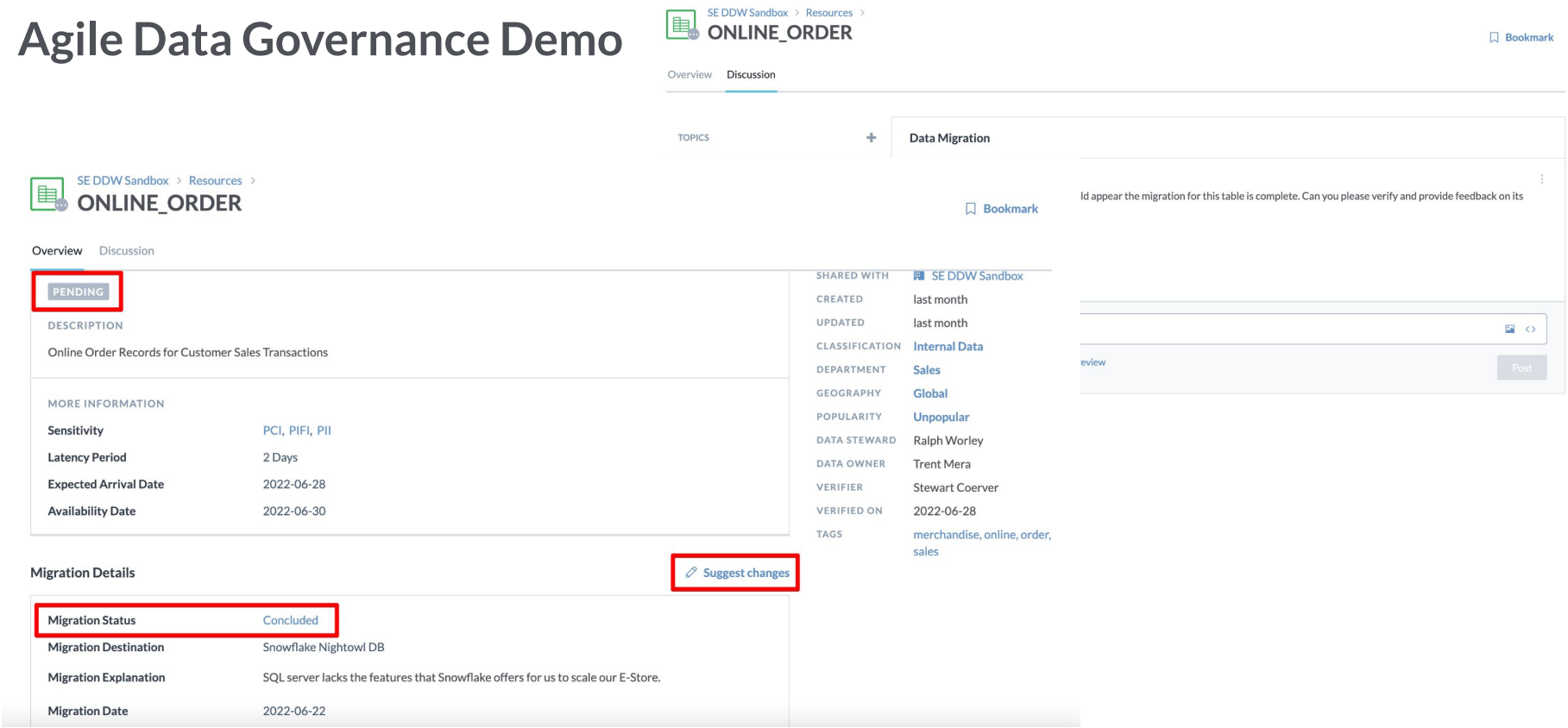
Appendix for Q&A

Agile Data Governance

Access control at all levels

- **Curate Data Assets**
- Measure & Audit
- Enable Consumers to Understand and Trust Data
- Create Harmony between Users & Producers of Data

Agile Data Governance Demo



Modern Data Catalog for Data Mesh

Domain Ownership

Empower the folks that create and know the data best to manage it.

Data as a Product

Managing data with end users and stakeholders in mind.

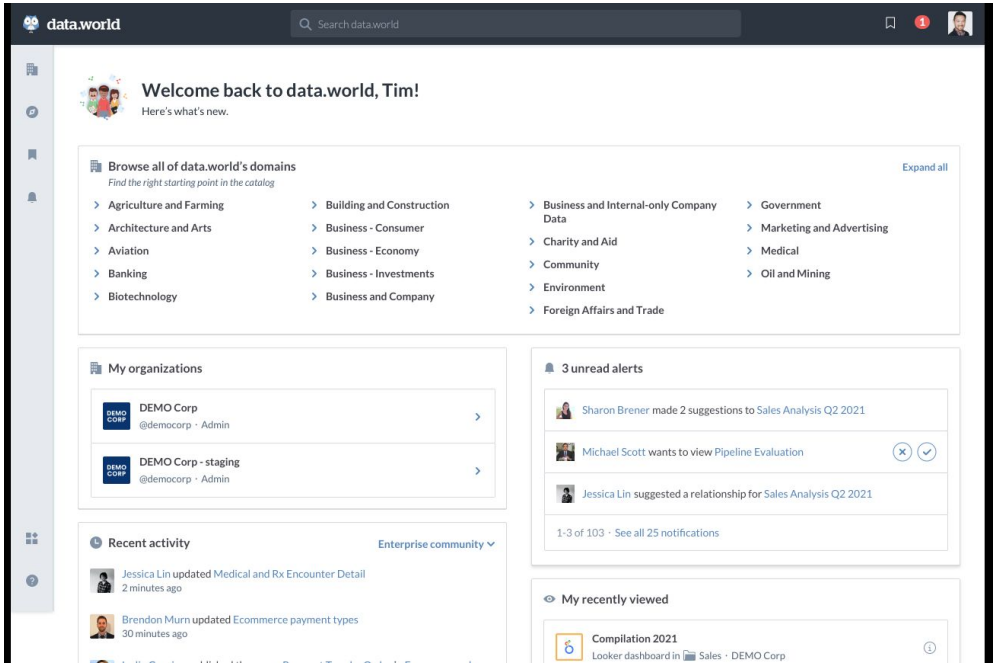
Federated computational governance

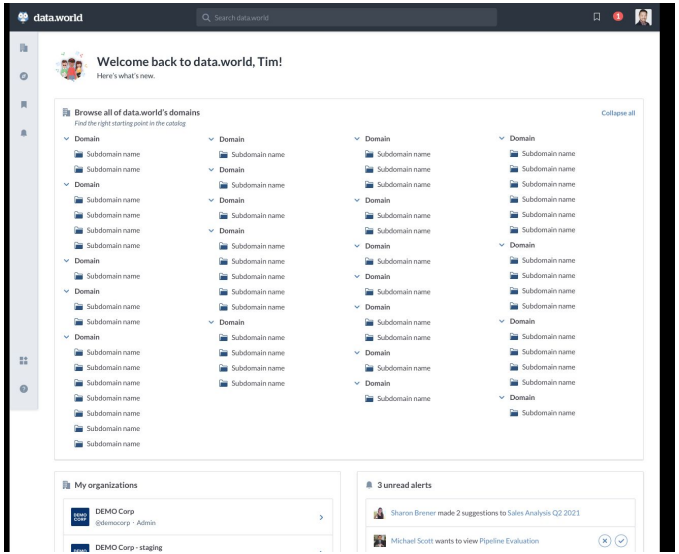
Facilitate shared safety, interoperability and enablement.

Self-serve data infrastructure as a platform

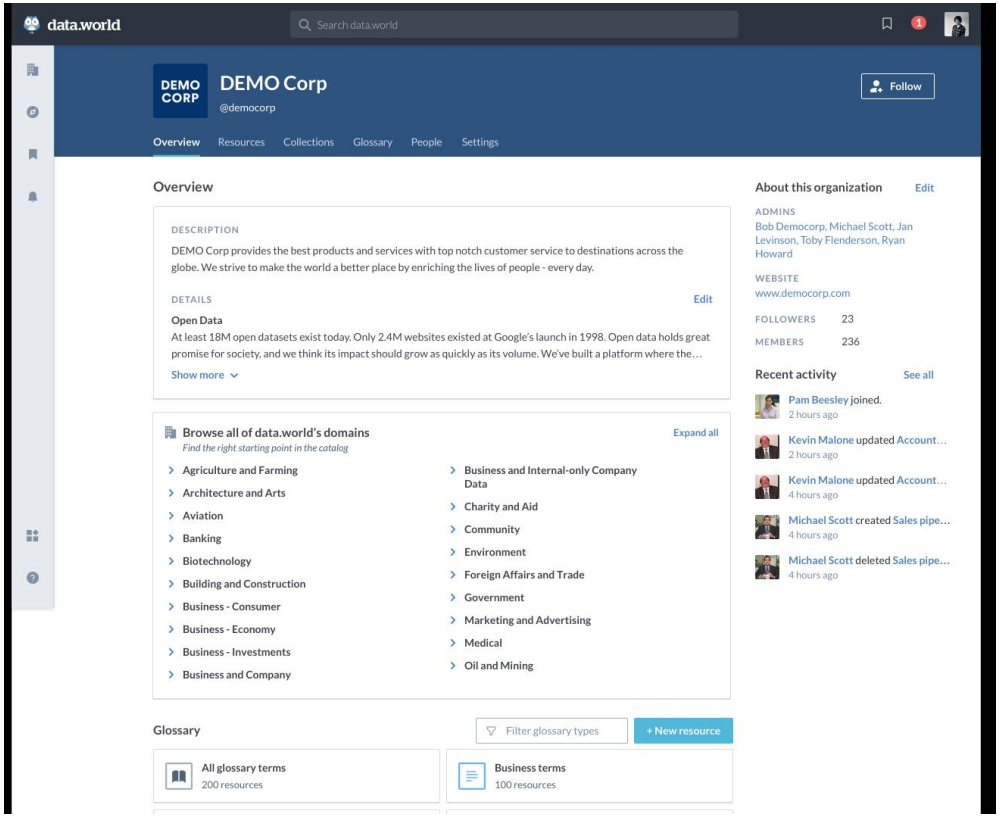
Data Catalog & Governance
Data Collection & Integration
Data Storage & Compute
Data Transformation & Modeling
Business Intelligence & Analytics
Data Observability

Domain-Based Browsing - Home Page

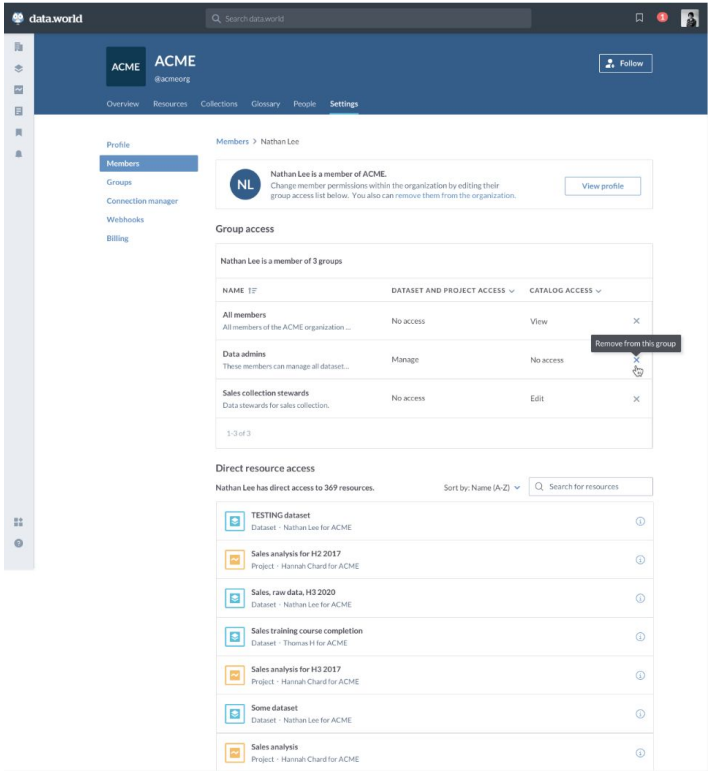


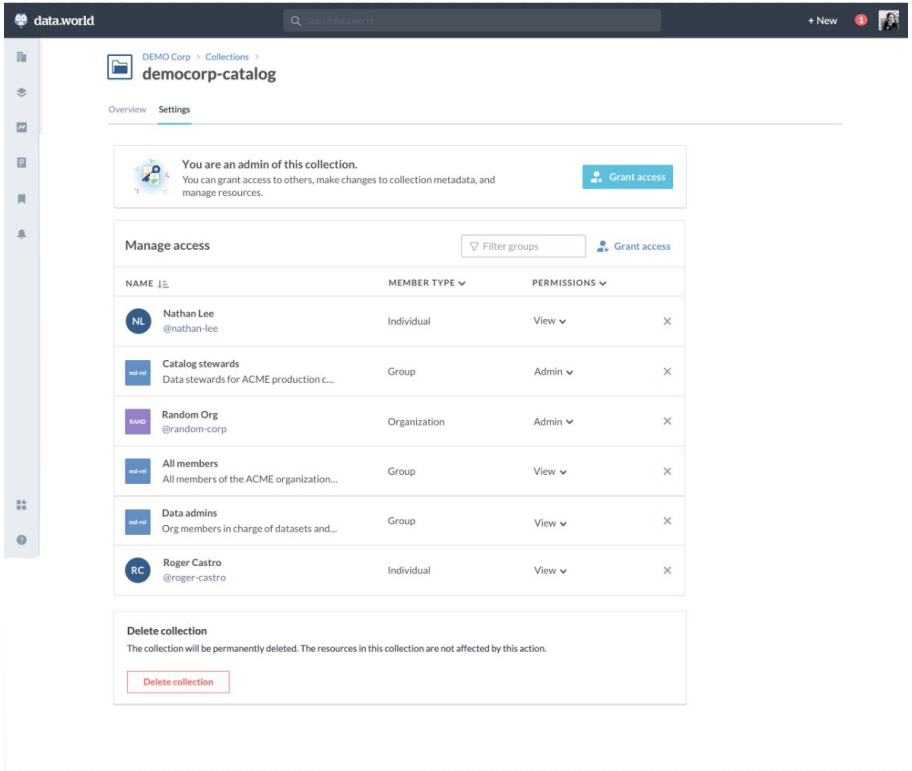


Domain-Based Browsing - Main Org Page

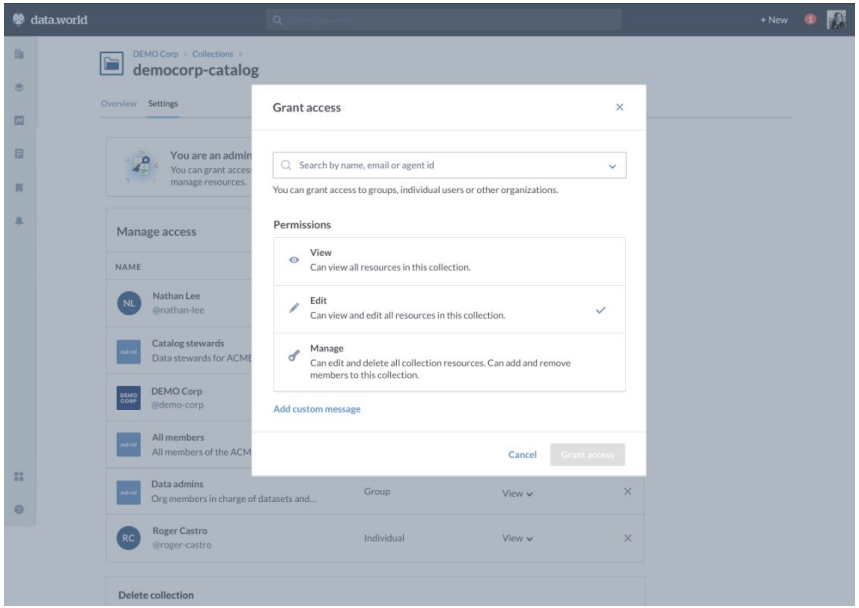


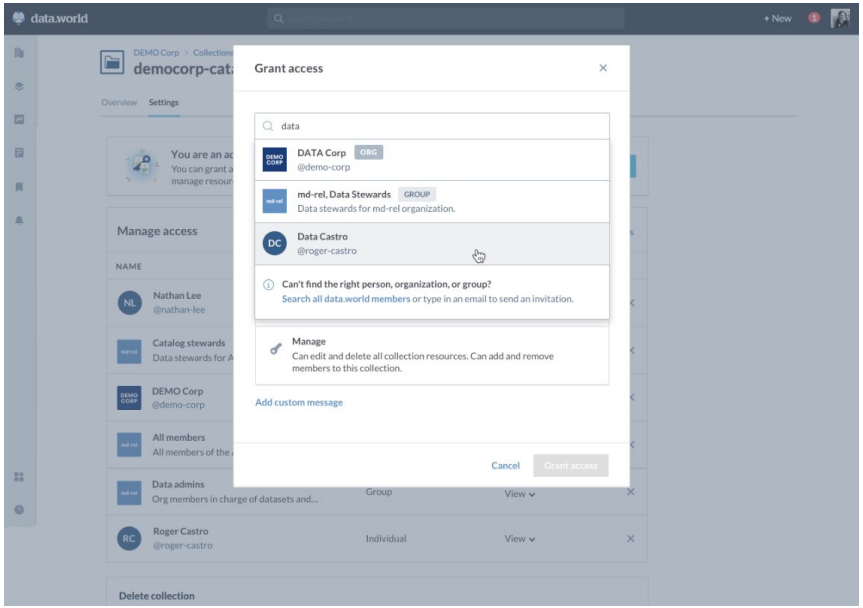
Collection-Based User/Group Access Management



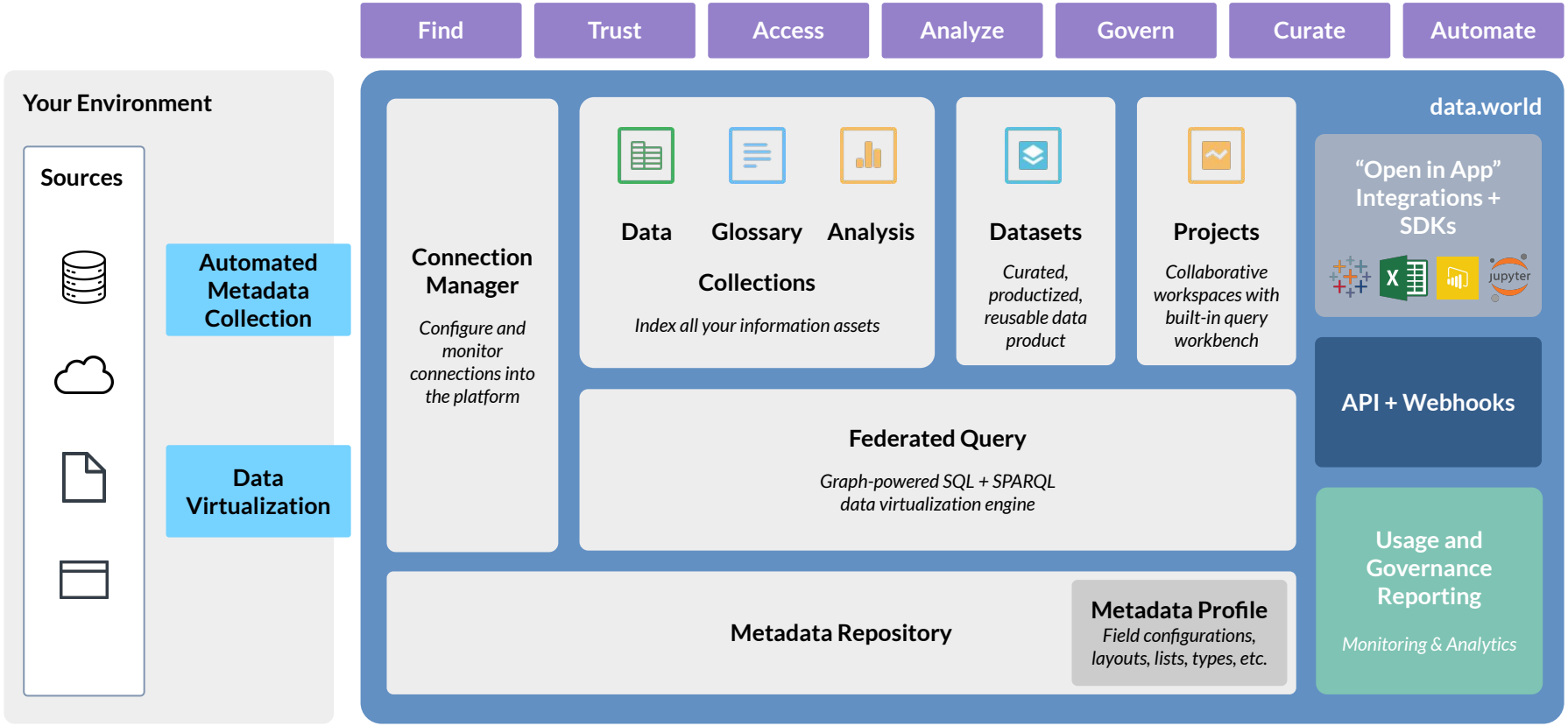


Collection-Based User/Group Access Management (cont'd)

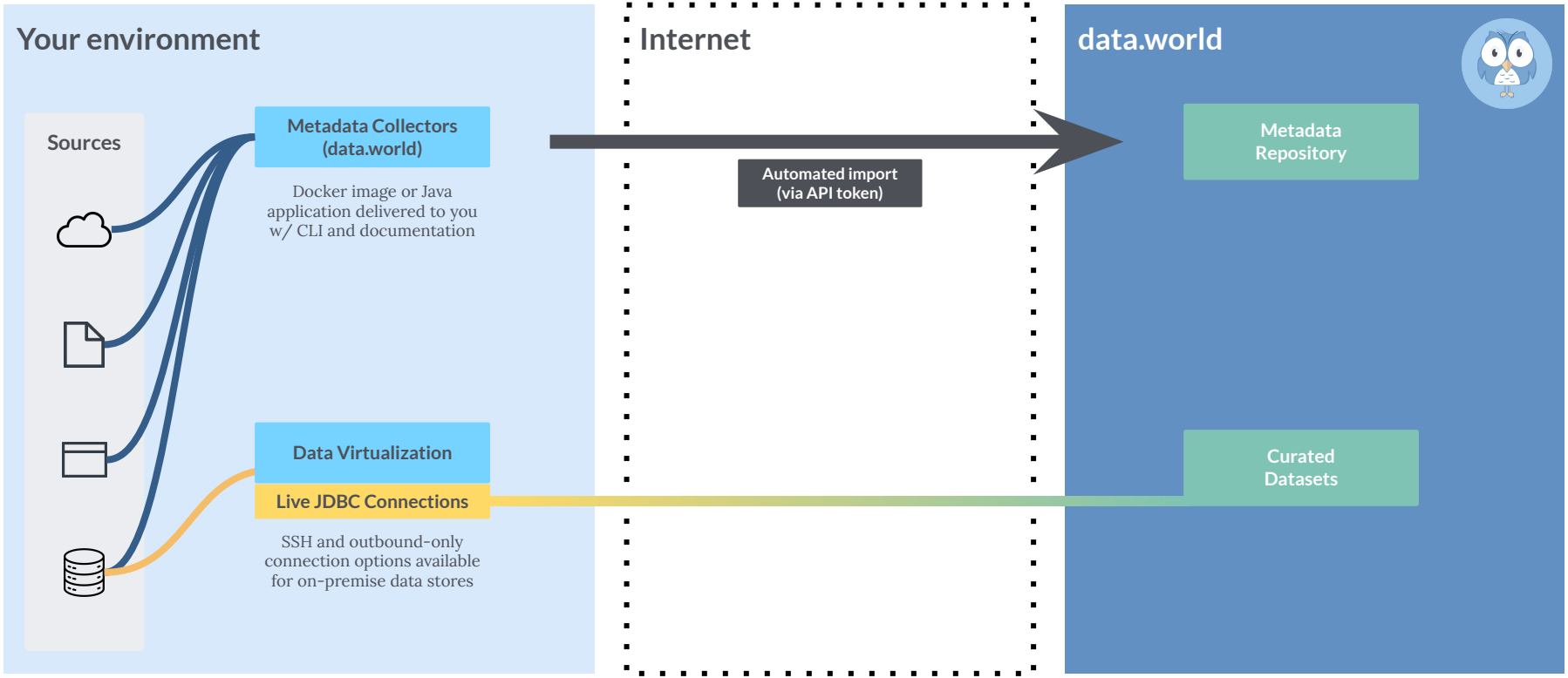




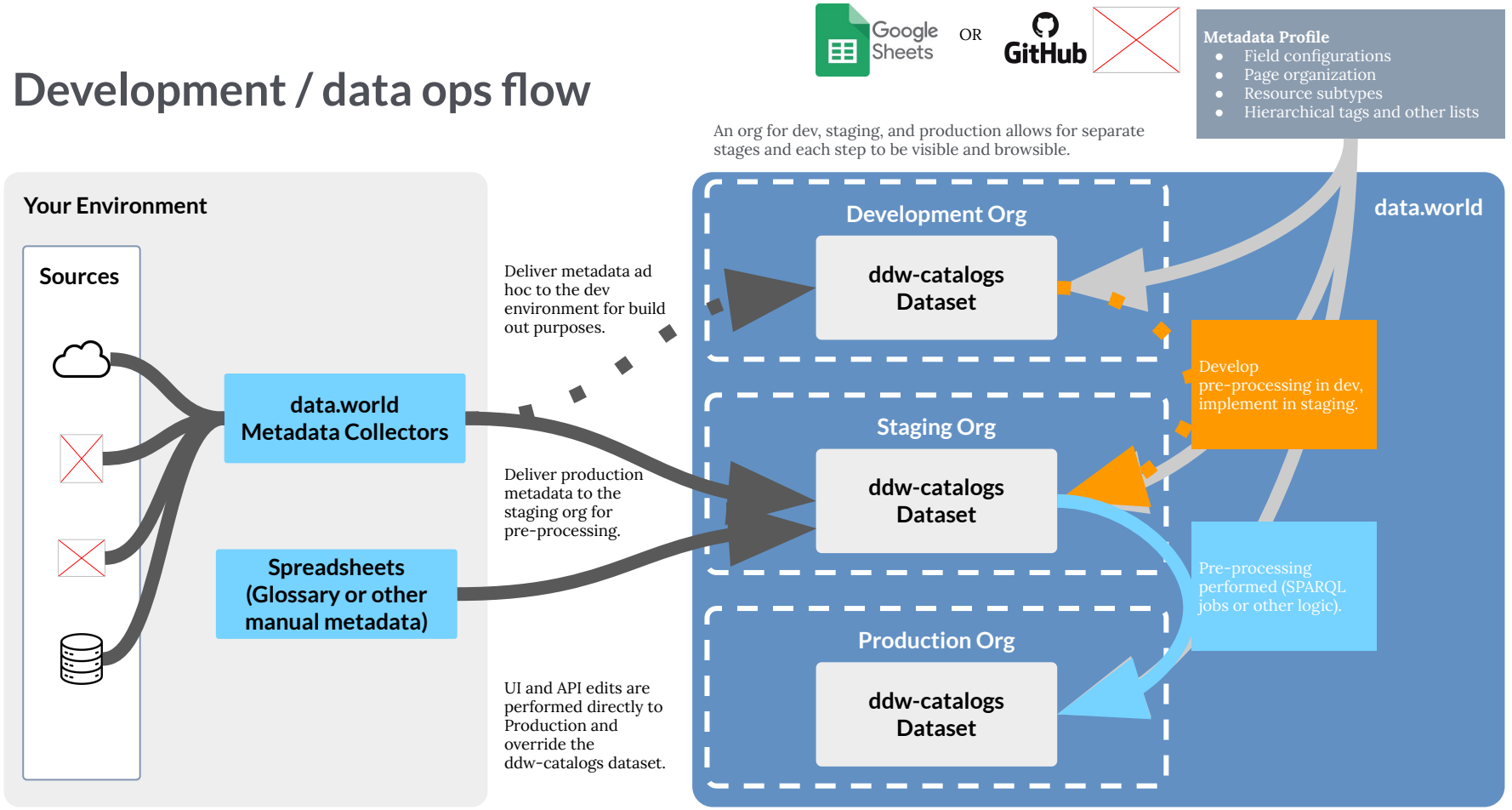
The data.world Cloud-Native SaaS Platform



data.world Integration Architecture - Metadata/Data



Development / data ops flow



Thank You