



Data Intelligence + Human Brilliance

Cataloging for Mere Mortals: How to Find, Understand and Trust Your Data

Christopher Johnson | Alation Solutions Engineering March 15, 2023



Hello!



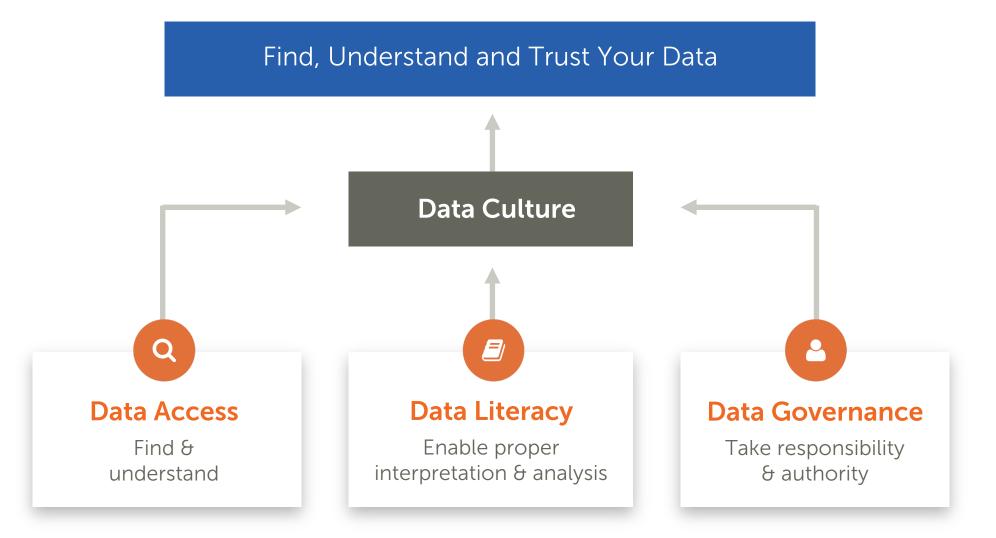
Chris Johnson

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Alation's Vision





Organizations Are Increasingly Data Rich



Data Explosion

Data Growth (IDC) brings increasing regulations.

"The sum of all data created, captured, or replicated at core, edge, and endpoint locations - will expand from 33 ZB in 2018 to 175 ZB by 2025."



Data Impact

"Data and analytics (D&A) remains a top priority for organizations — both during and after the COVID-19 crisis."

(Gartner)



Adoption

"By 2023, overall analytics adoption will increase from 35% to 50%, driven by vertical- and domain-specific augmented analytics solutions."
(Gartner)



Data Intelligence Drives Human Brilliance...



Businesses achieve agility by pushing decision making down the organization



An ever-growing audience needs current data



Catalogs reduce the cycle time for decision making and preventing IT bottlenecks



Outcome: moving from data overload to data driven



Resulting in Better Business Outcomes



Shorter time to value



Lower business costs



Business agility



Faster/better decision making + innovation

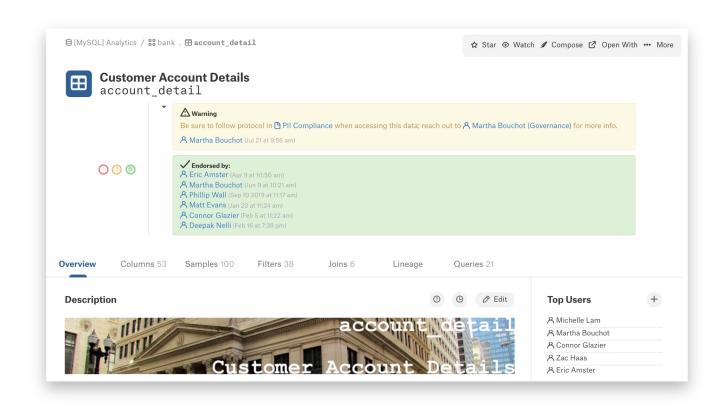


Data driven process increases Transformation at scale



What is an Enterprise Data Catalog?

- A repository of metadata on information sources across an organization
 - Search & discovery
 - Collaboration & analysis
 - Curation & governance
- Indexes a broad range of information assets
 - Data sets, tables, articles, reports, queries, tables, conversations



Answers core questions, such as:

How to find information?

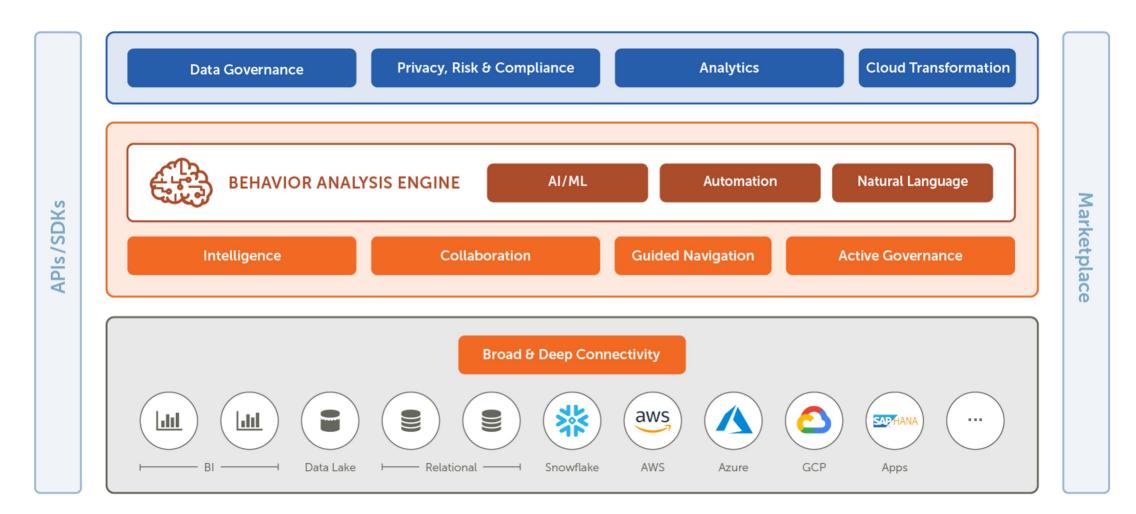
Can it be used?

Should it be used?

How should it be used?

The Alation Platform

For enterprise metadata management

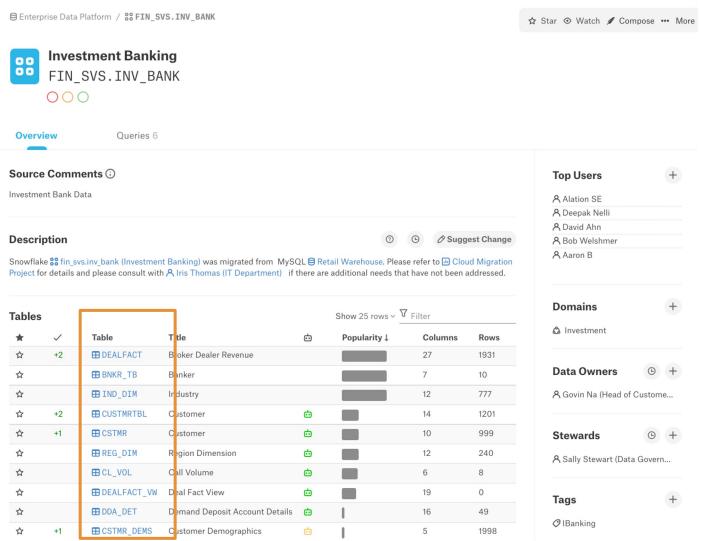






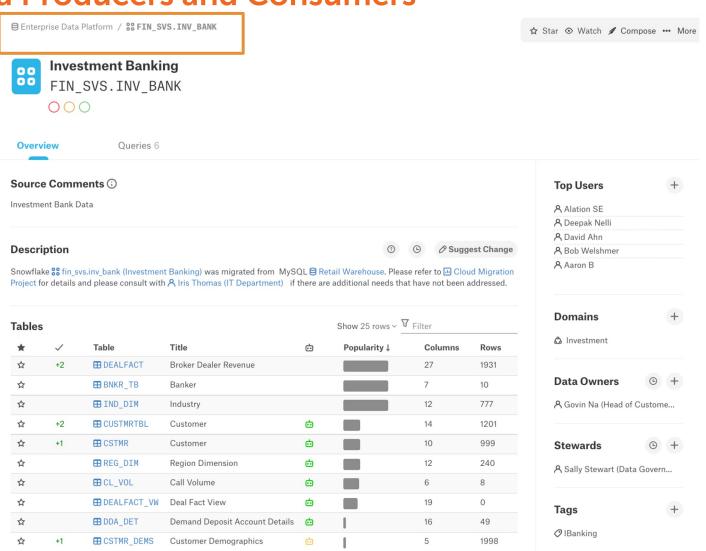
A 'Virtual Assistant' for Your Data Producers and Consumers

What data assets do we have?



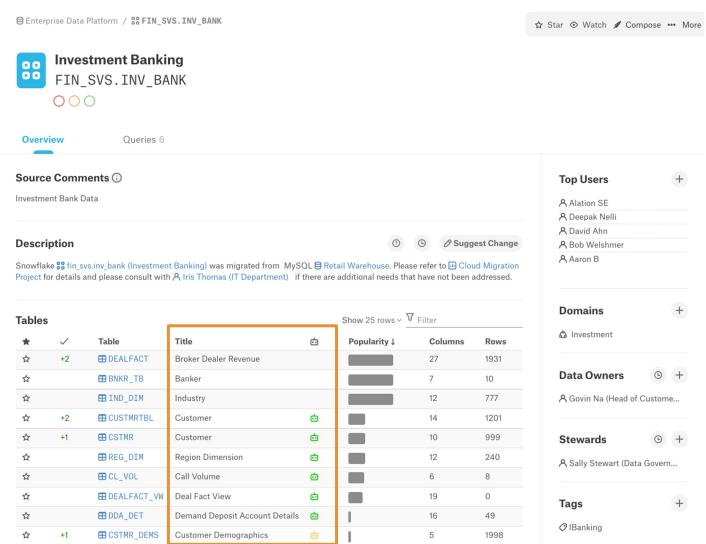


- What data assets do we have?
- Where are they located?



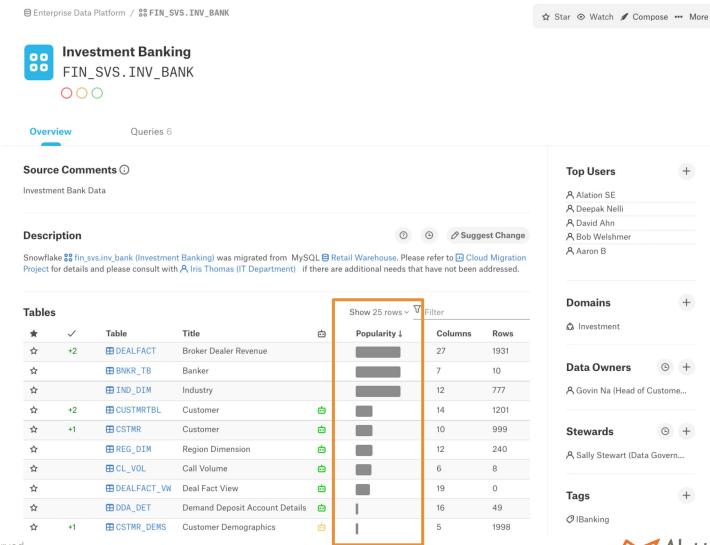


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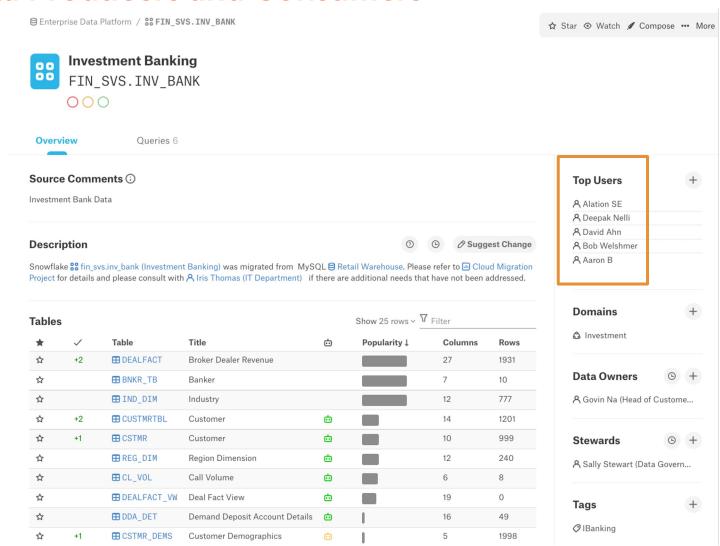


- What data assets do we have?
- Where are they located?
- What do they contain?
- How often are they used?



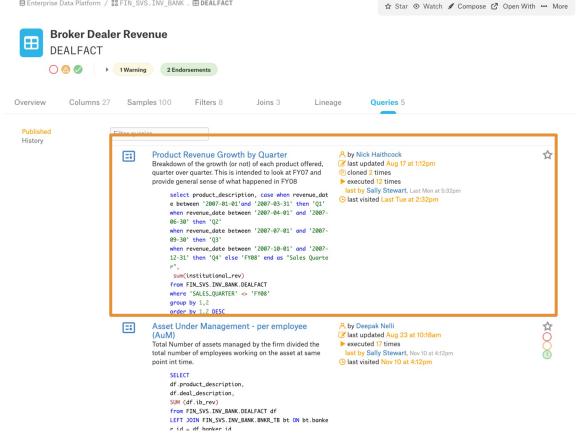


- What data assets do we have?
- Where are they located?
- What do they contain?
- How often are they used?
- Who uses them?



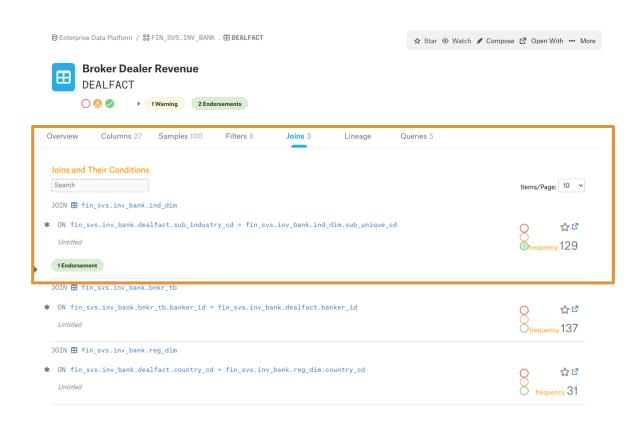


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- What do they contain?
- How often are they used?
- Who uses them?
- How are these data assets used?



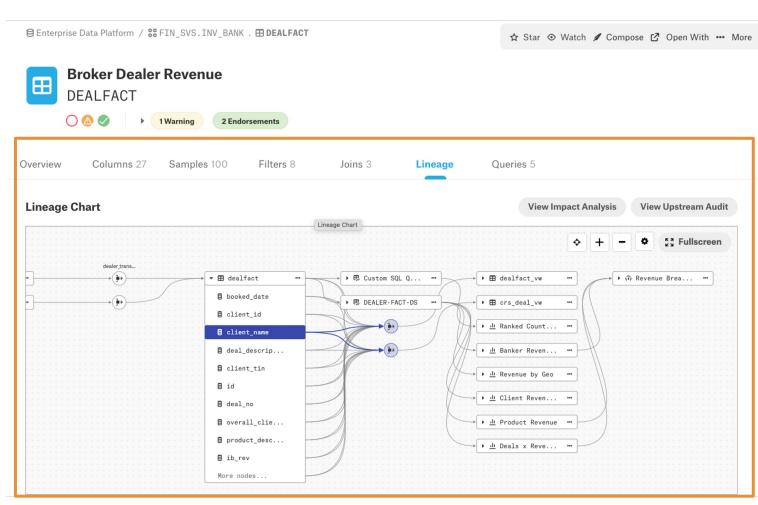


- What data assets do we have?
- Where are they located?
- What do they contain?
- How often are they used?
- Who uses them?
- How are these data assets used?
- How are these assets related?



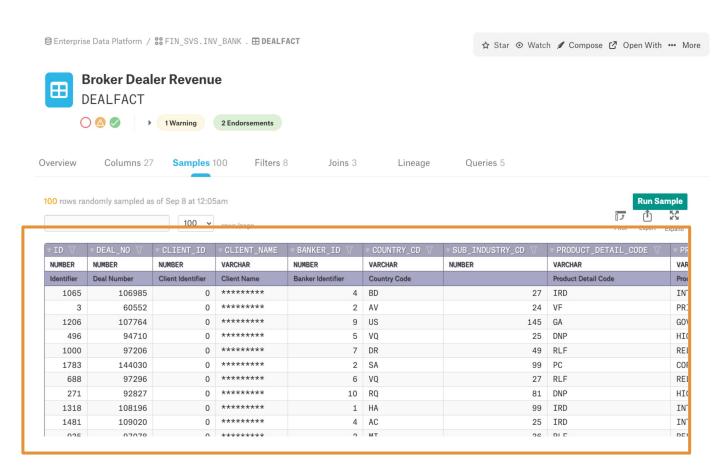


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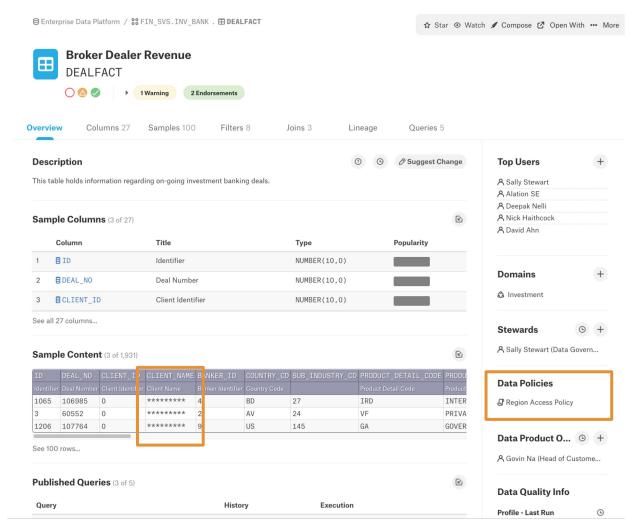


- What data assets do we have?
- Where are they located?
- What do they contain?
- How often are they used?
- Who uses them?
- How are these data assets used?
- What does a sample look like?





- What data assets do we have?
- Where are they located?
- What do they contain?
- How often are they used?
- Who uses them?
- How are these data assets used?
- How are these assets related?
- What policies and tags have been applied?





Let's see it in action!





Principles For Enterprise Data Management



Improve End to
End Data
Value Chain



Make Data Easier to Acquire



Quicken
Determination
of Data
Trustworthiness



Focus Analysts on Creating New Data Assets



Why Customers Buy Alation





Leading Customers From Many Industries & Use Cases

Analytics

FINNAIR

Pfizer



Zurich

Governance



Cargill



ancestry

Cloud





parexel.

... MassMutual

Risk & Compliance



DAIMLER





Wells Fargo Data Privacy/GDPR













Digital Transformation













About Alation

"Alation started the ML Data Catalog trend."

-Forrester Wave, Machine Learning Data Catalogs, 2018

Gartner

4x Gartner MQ Leader

Magic Quadrant for Metadata Management 2017–2020

FORRESTER®

2x Forrester Wave Leader

Machine Learning Data Catalogs 2018, 2020



5x Dresner #1 Data Catalog

Dresner Advisory Services Data Catalog Market Study 2017–2021



Technology Pioneer

2016 World Economic Forum

Pioneer of the data catalog market since 2012

\$110M in funding by

Blackstone
Costanoa
Data Collective
Dell Technologies
Icon
ISAI Cap

Riverwood
Salesforce
Sanabil
Sapphire
Snowflake Ventures

HQ in Redwood City, CA



Thank you!

Questions?

