



Data Catalogs

Empower Data with Machine Learning and Human Insight

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What is a Data Catalog?

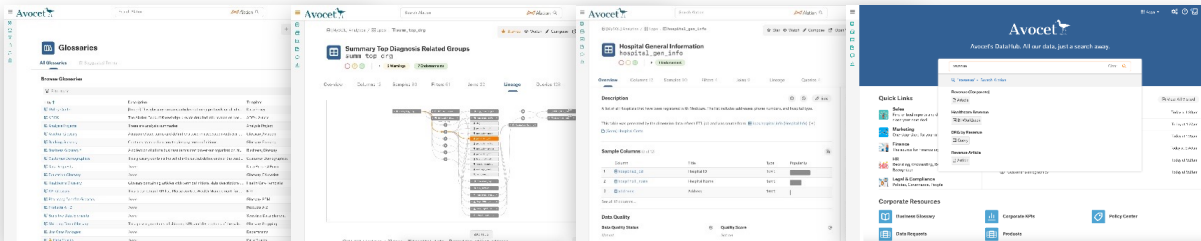
- A repository of metadata on information sources across an organization
 - Search & discovery
 - Data governance & curation
 - Collaboration & analysis
- Catalogs a broad range of information assets
 - Data sets, tables, articles, reports, queries, visualizations, conversations
- Includes common functionality such as:

Business Glossary

Lineage

Catalog Pages

Search



Answers these core questions:

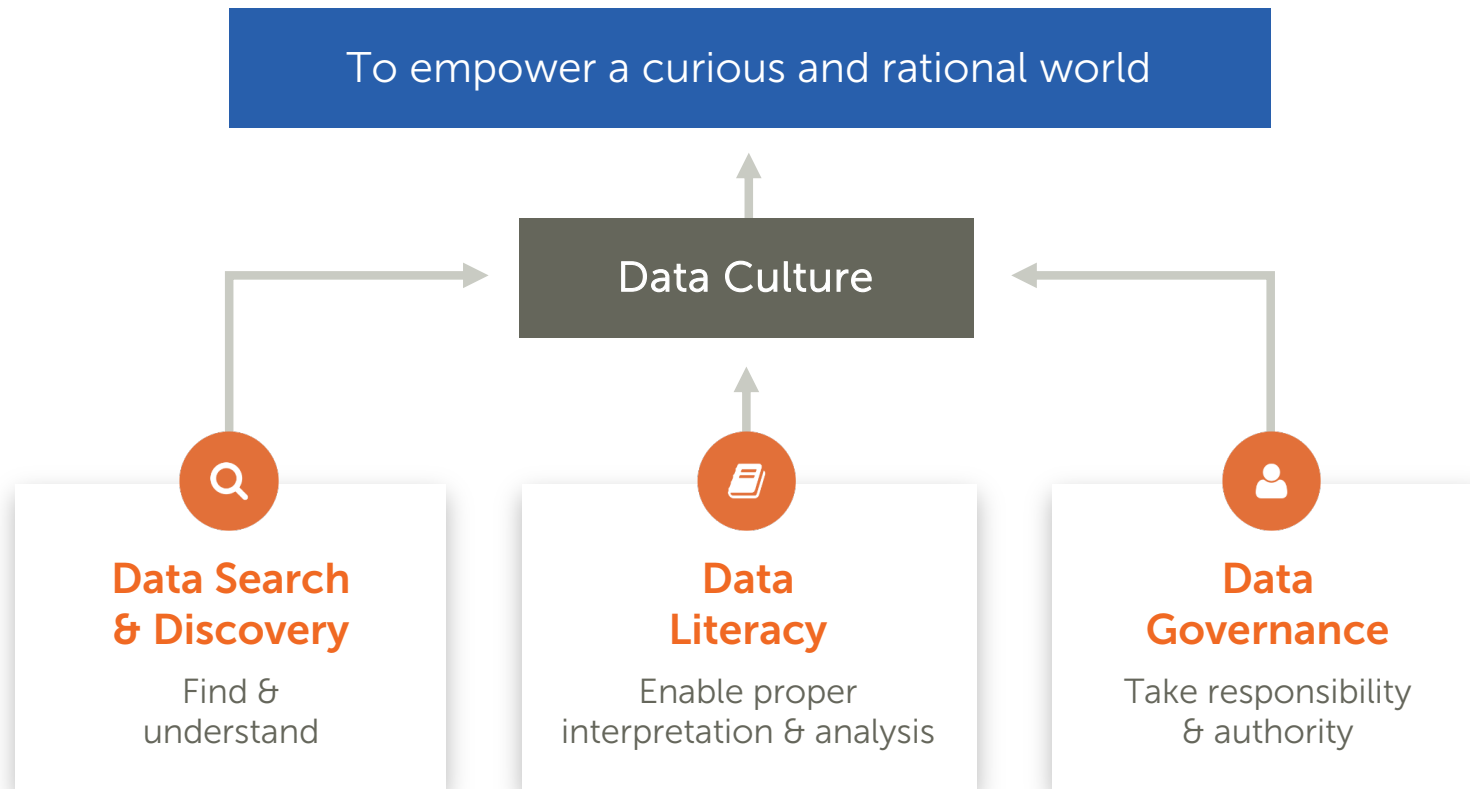
How to find information?

Can it be used?

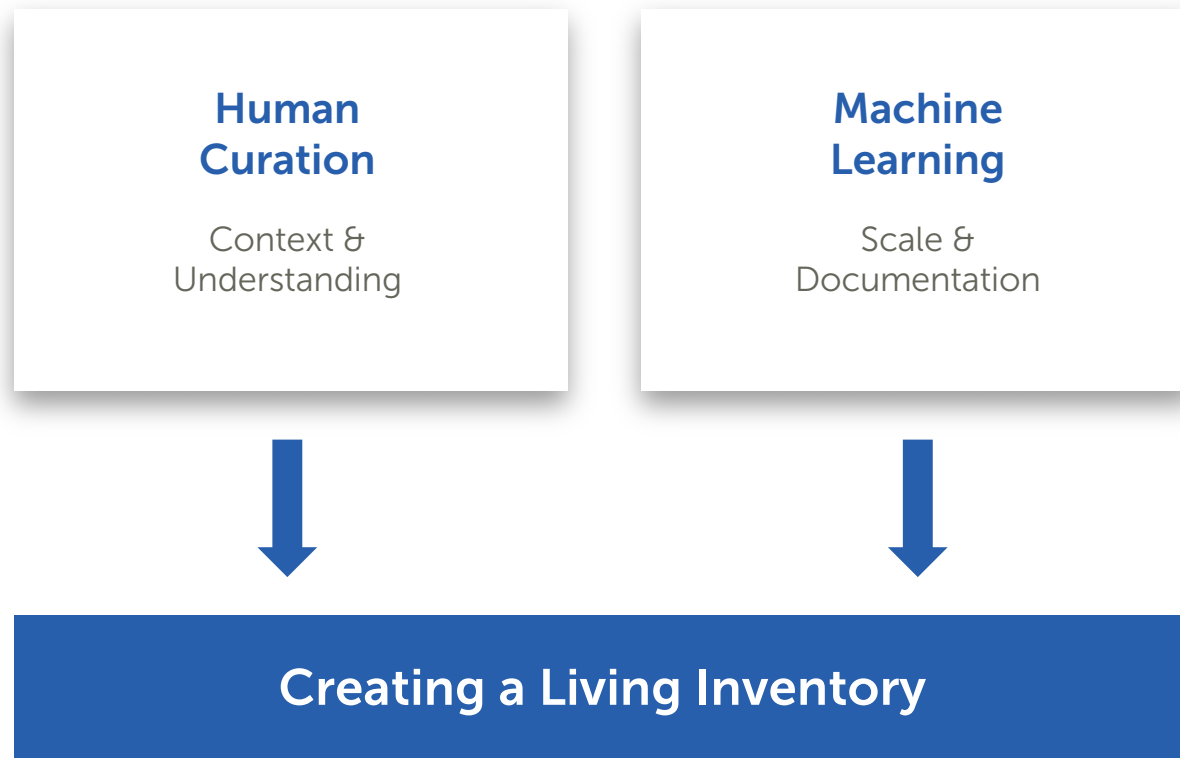
Should it be used?

How should it be used?

The Alation Vision

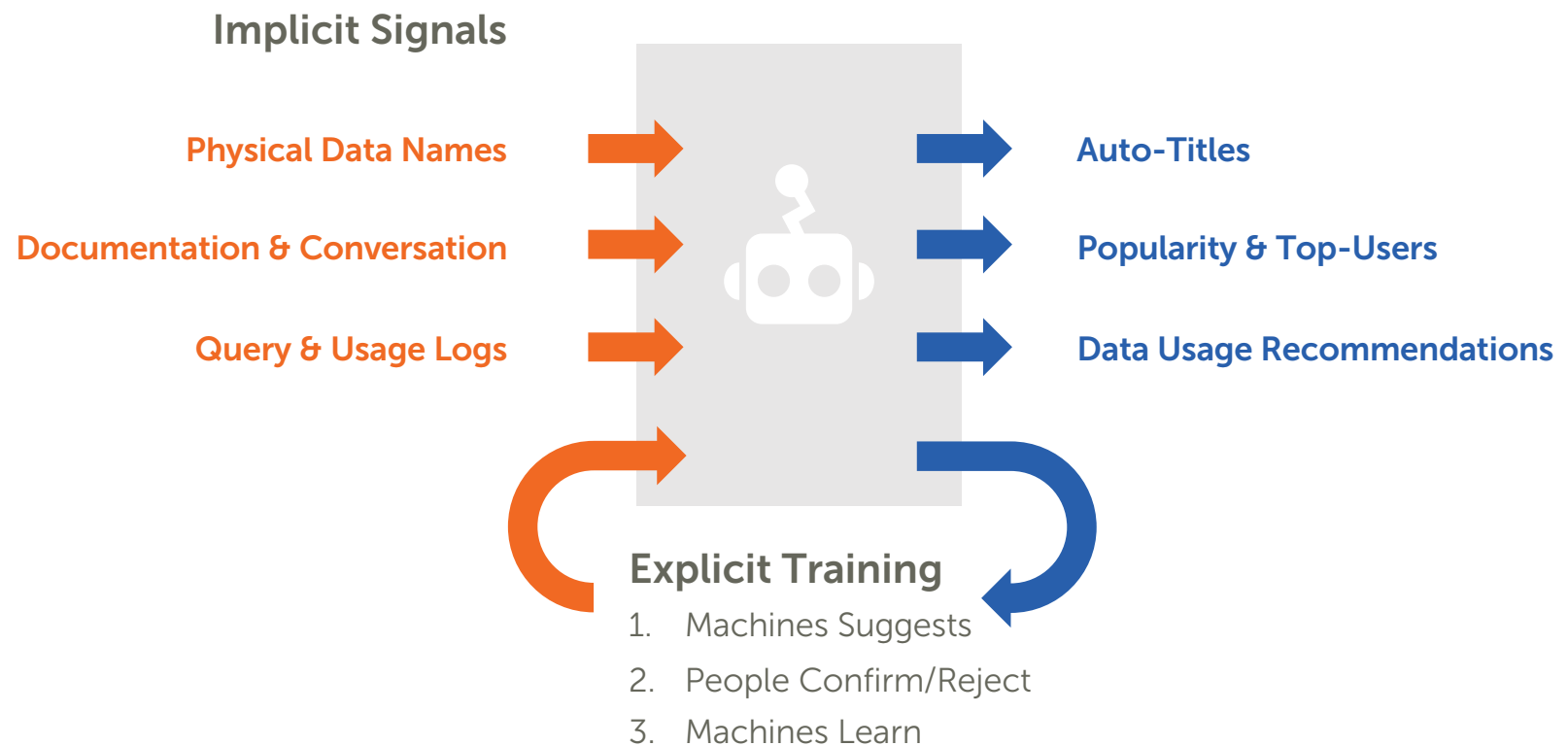


Human Curation + Machine Learning



Catalog Behavior I/O with Machine Learning

Driving better behavior in the future (output) by automatically learning from observed prior behavior (input). For example...

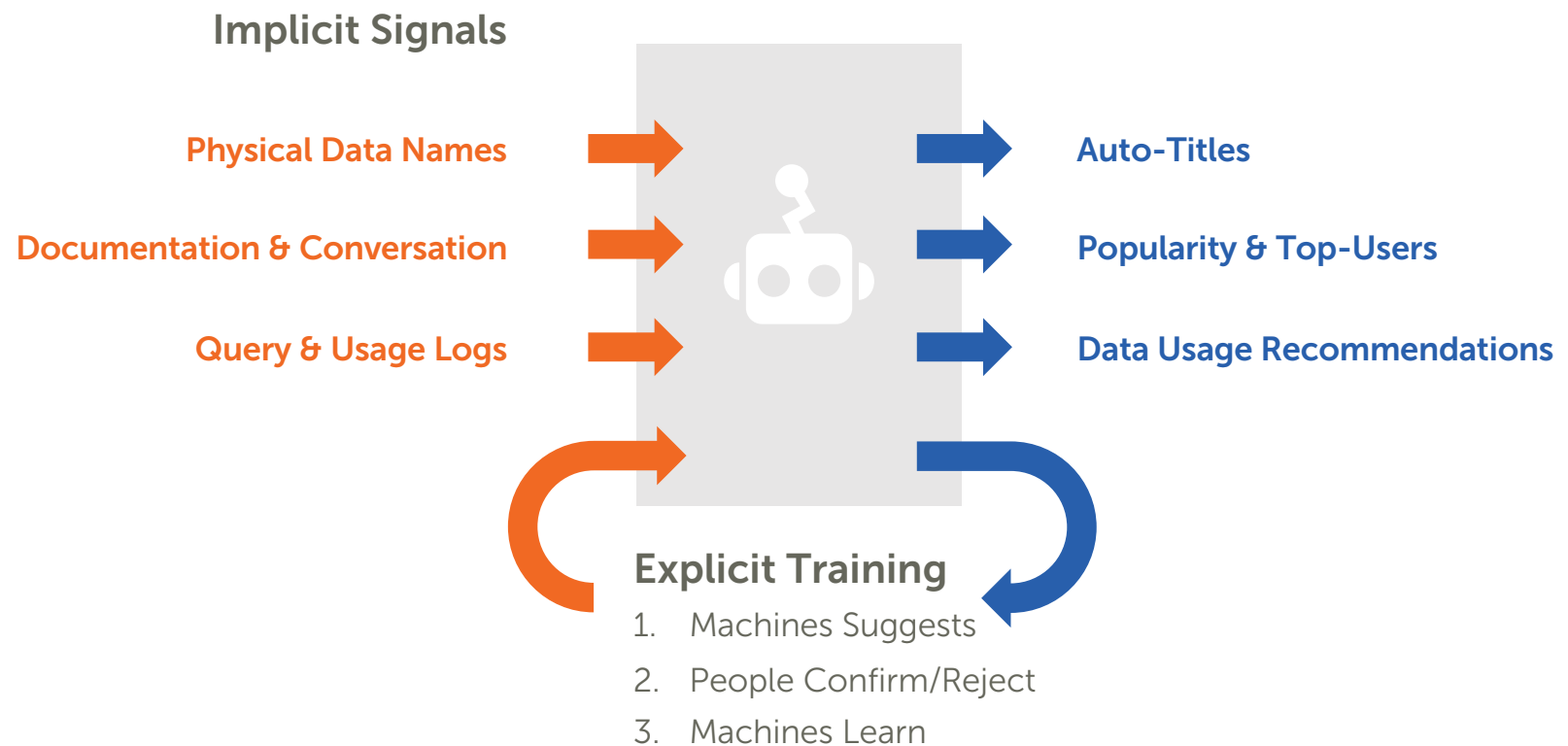




Demo

Catalog Behavior I/O with Machine Learning

Driving better behavior in the future (output) by automatically learning from observed prior behavior (input). For example...



**Human
Curation
+
Machine
Learning**



**Find
Understand
Trust
Use
Reuse**



**Make Confident,
Data-Driven
Decisions
+
Strategic
Component to
Data Strategy**



Resources:

Alation, Inc.

<https://www.alation.com/>

What is a Machine Learning Data Catalog?

<https://www.alation.com/blog/machine-learning-data-catalog/>

Alation “Data Radicals” Podcast with Satyen Sangani, Alation CEO

<https://www.alation.com/podcast/>

revAlation 2022 User Conferences

<https://revalation22.splashtat.com/>