

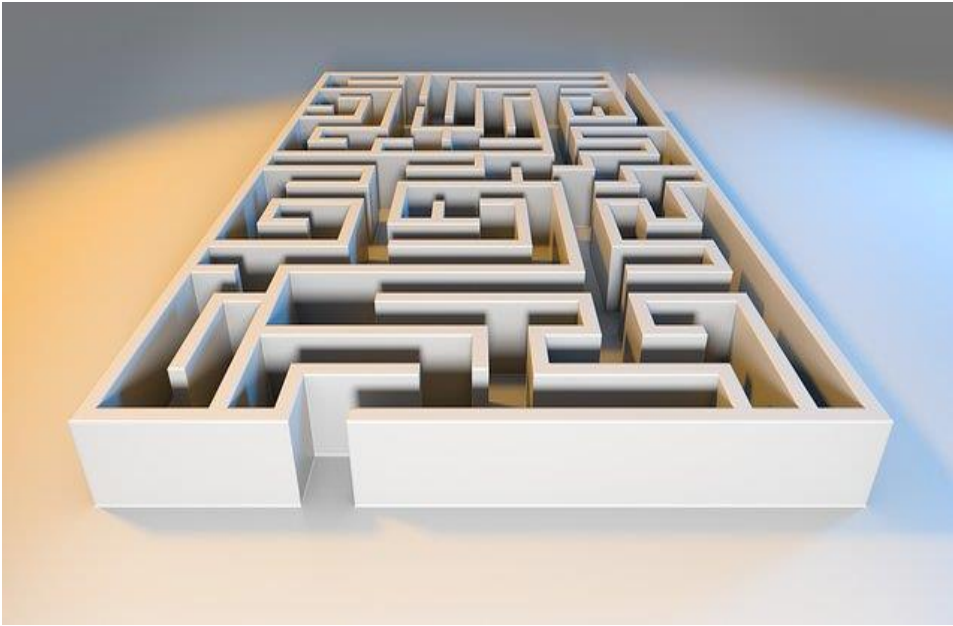
EURYKA
Data Management Inc.

Data Catalog is important



- Protects the enterprise by enabling data governance (ungoverned data is a liability)
- Helps deliver regulatory and security requirements are increasing day by day
- Unlocks the potential of data
- Reduces complexity in data integration
- Increases trust in data/reports/analytics
- Provides better control over data

Data Management Challenges



- Prolonged analysis and project delivery timelines
- Lack of decisions or frameworks to make good decisions
- Projects implemented in silos without transparency or communication
- Centralized teams responsible for collecting metadata
- High cost of tools available in market
- Tools are too rigid in the way metadata can be stored

The Solution is Euryka

EURYKA

- Euryka is a tool designed & developed by Data professionals to solve the current problems with vision to automate metadata collection
- Single platform
- No rigid frameworks to follow. Add what is available and integrate as you learn more about data.

Our philosophy

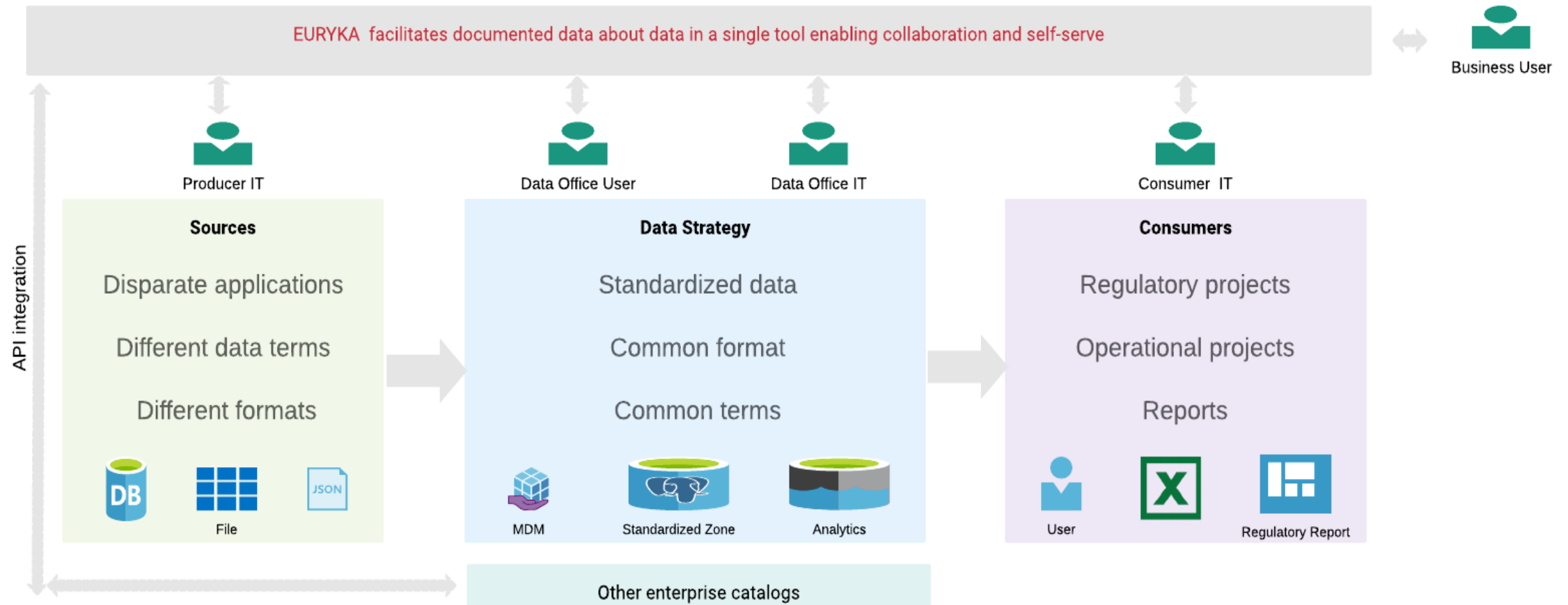
ONE SIZE
DOESN'T FIT ALL



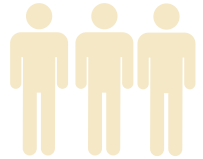
All organizations are unique. With that in mind, we offer services and products that are fit for purpose and customizable to your operations, leaving behind the one size fits all approach.

We deliver success stories by offering data solutions that speak the language and meet the requirements of the enterprise.

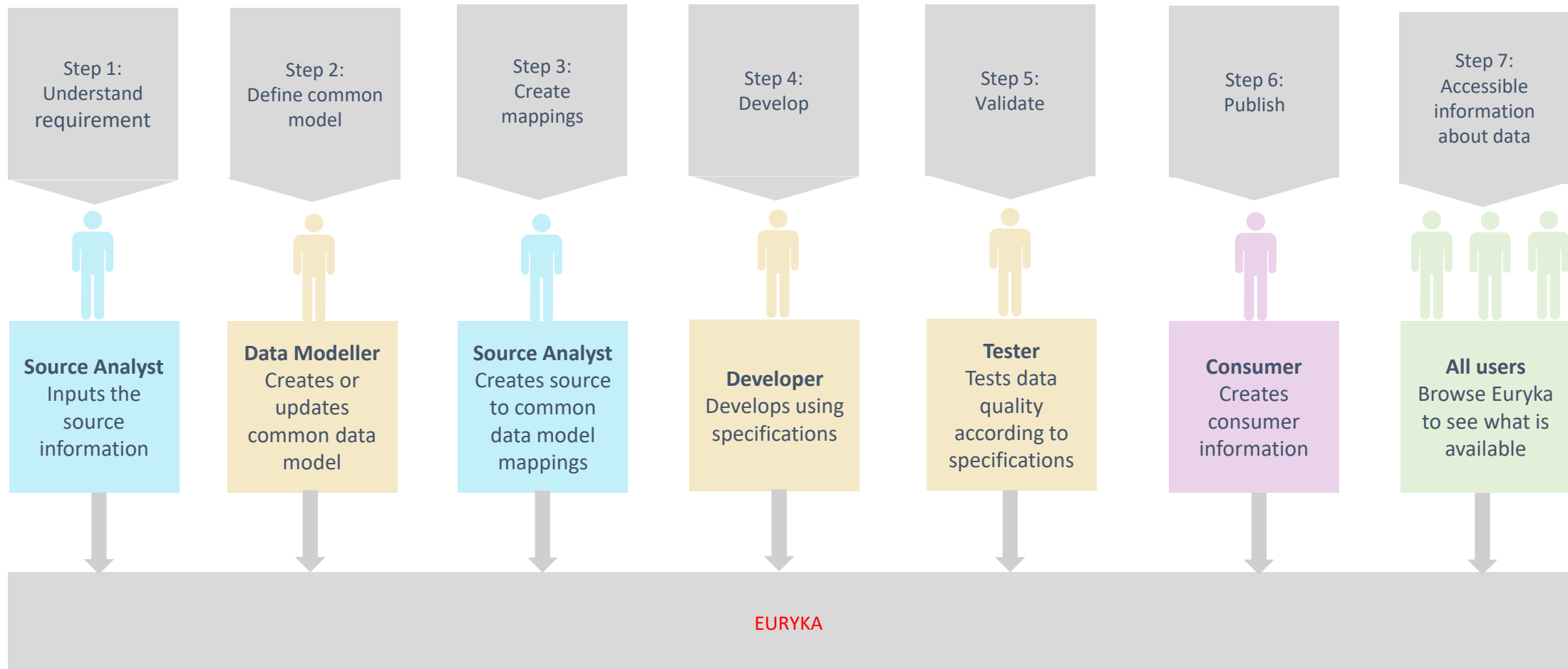
Federated collaboration



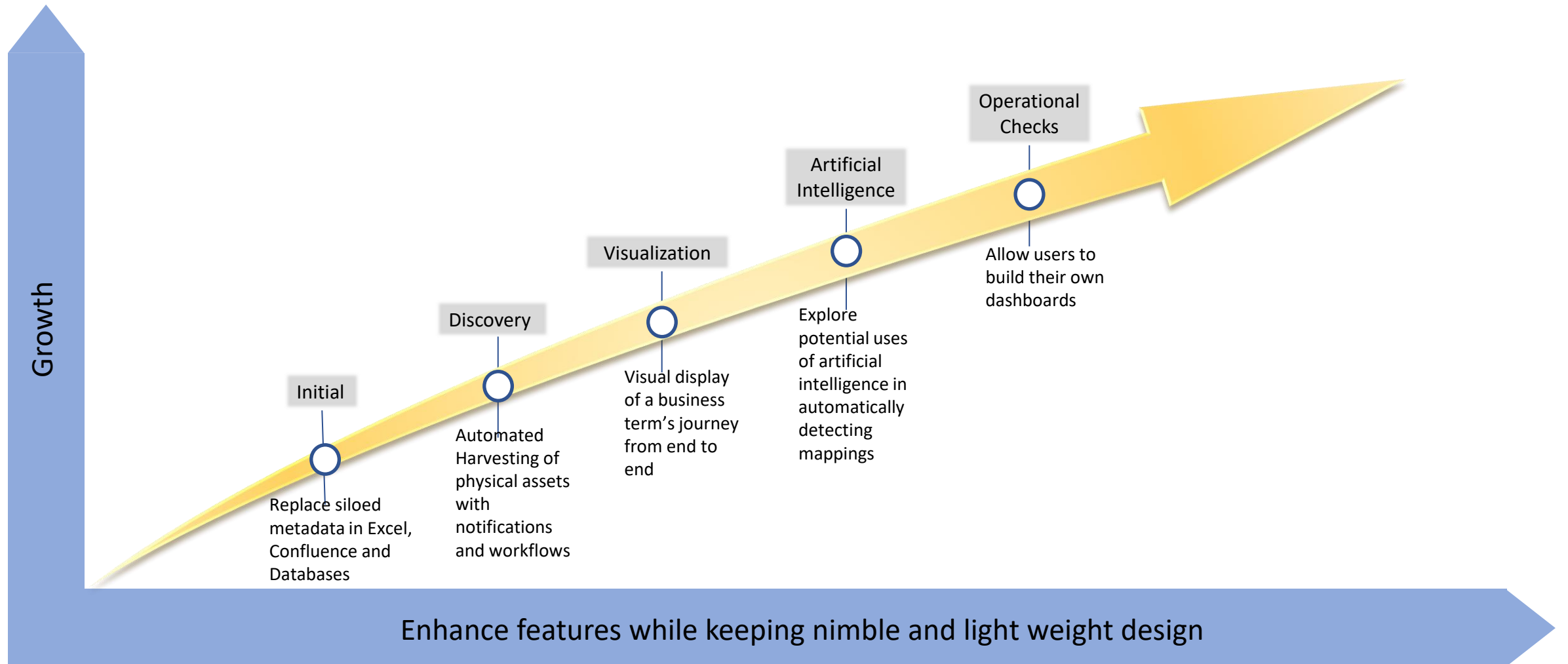
Data driven project implementation



Data Office enables, approves and facilitates



Our vision



Current Features

- **Source inventory** - List of feeds, contact and frequency details
- **Data dictionary/Business Terms** - Common business terms to achieve common language
- **Consumer inventory** - List of consumers, contact and consumption details
- **Rest API** - Integration and publication of data catalog with other tools in the enterprise
- **Data model inventory** - API and data model structures linked to the common dictionary
- **Source to target mappings** - Mappings to provide traceability back to source
- **Administration features** - Access by role, SAML single sign on
- **Data Quality** - DQ rules in English sentences linked to data dictionary

Features Roadmap

- **Ownership inventory** - Names, ownership and contact details of business, stewards and technical owners of data
- **Source to target mappings** – Extend the mappings to include complex rules
- **Google like search** - Keyword search with ranking by priority and relevance
- **Entitlement** – Entitlement by department, role and menu item. Approval work flow and email notifications
- **Reference data management** - Enumerations and classifications used by the enterprise
- **Shopping cart** - Ability for consumers to subscribe authoritative data
- **Discovery** - Ability to crawl and gather technical metadata
- **End to end data flow** - Visualization of lineage of data flow with drill through details
- **Artificial intelligence** - Automatically attempt to match dictionary term to a data model or API field or other technical representation

Story so far

- We have a minimum viable product already built and being used by a potential client, CAAT Pension Plan. The beta testing is going well with positive feedback from the Data Management team at CAAT Pension Plan.
- We are in the process of building a new version of Euryka (Euryka v2) with improved and scalable features and architecture.
- Euryka team consists of:
 - CEO/Product Owner
 - Two developers and an Architect from a Canadian development services provider

Consequences of lack of data governance

- As of July 2018, only 3 banks out of 30 had passed the Basel Committee's latest review of BCBS 239 compliance. All three are believed to be US banks – one of them JP Morgan (<https://www.risk.net/risk-management/5781976/regulators-bristle-at-slow-progress-on-bcbs-239>)
- A report in September 2019 states that banks have been fined \$20 billion for various data breaches (https://www.risk.net/comment/6968801/op-risk-data-sanctions-busting-fines-cost-banks-20bn#cxrecs_s)
- Effective May 2018, all organizations in any industry that process the personal data of EU residents are regulated by GRPR. The potential penalties for noncompliance can reach as high as 4% of global revenue or 20 million euros (<http://www.enforcementtracker.com/>)