



# A data catalog and data governance toolset



**FIND &  
UNDERSTAND  
DATA**



**GOVERN  
DATA**

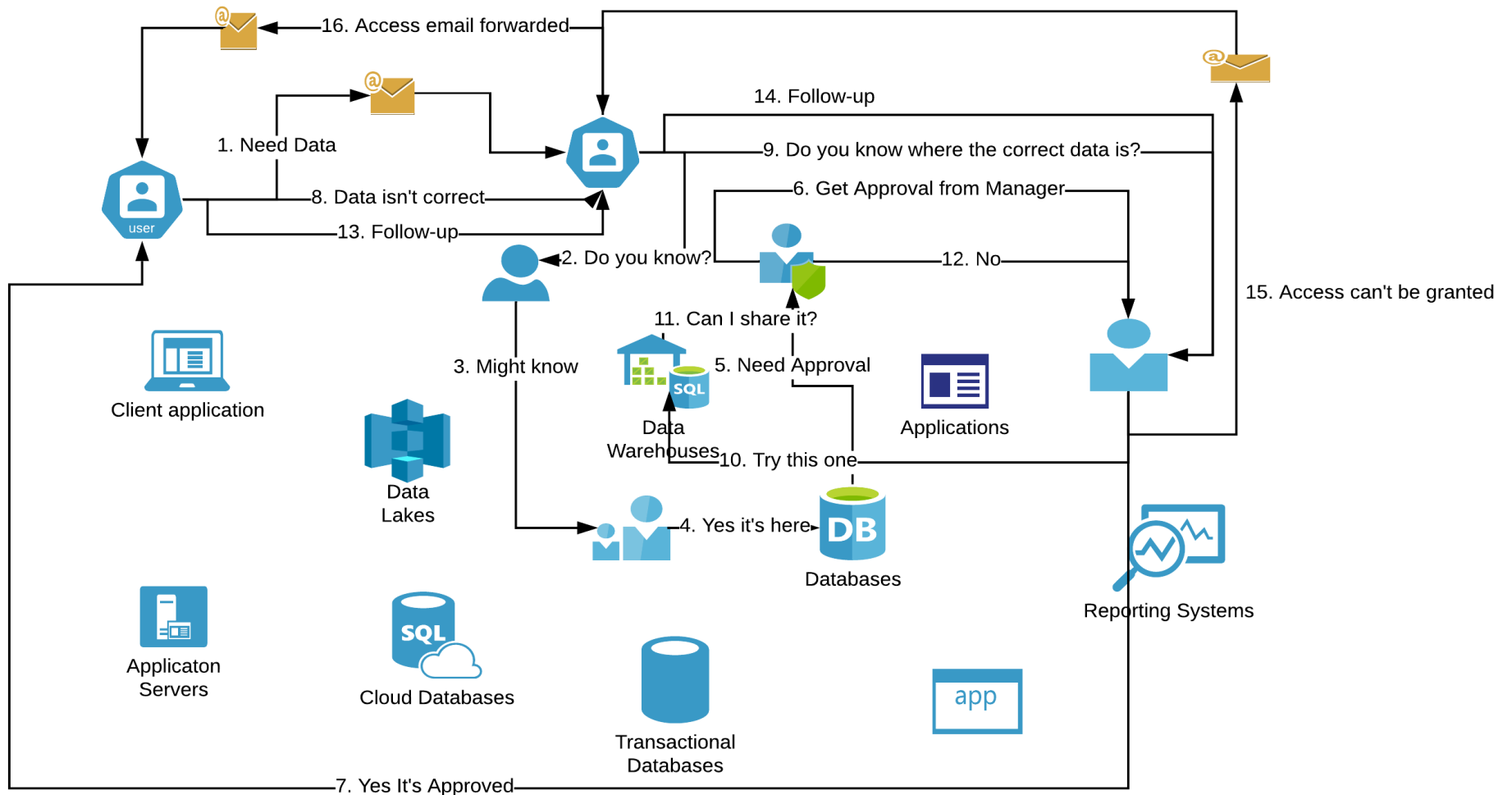


**BUILD  
LINEAGE**

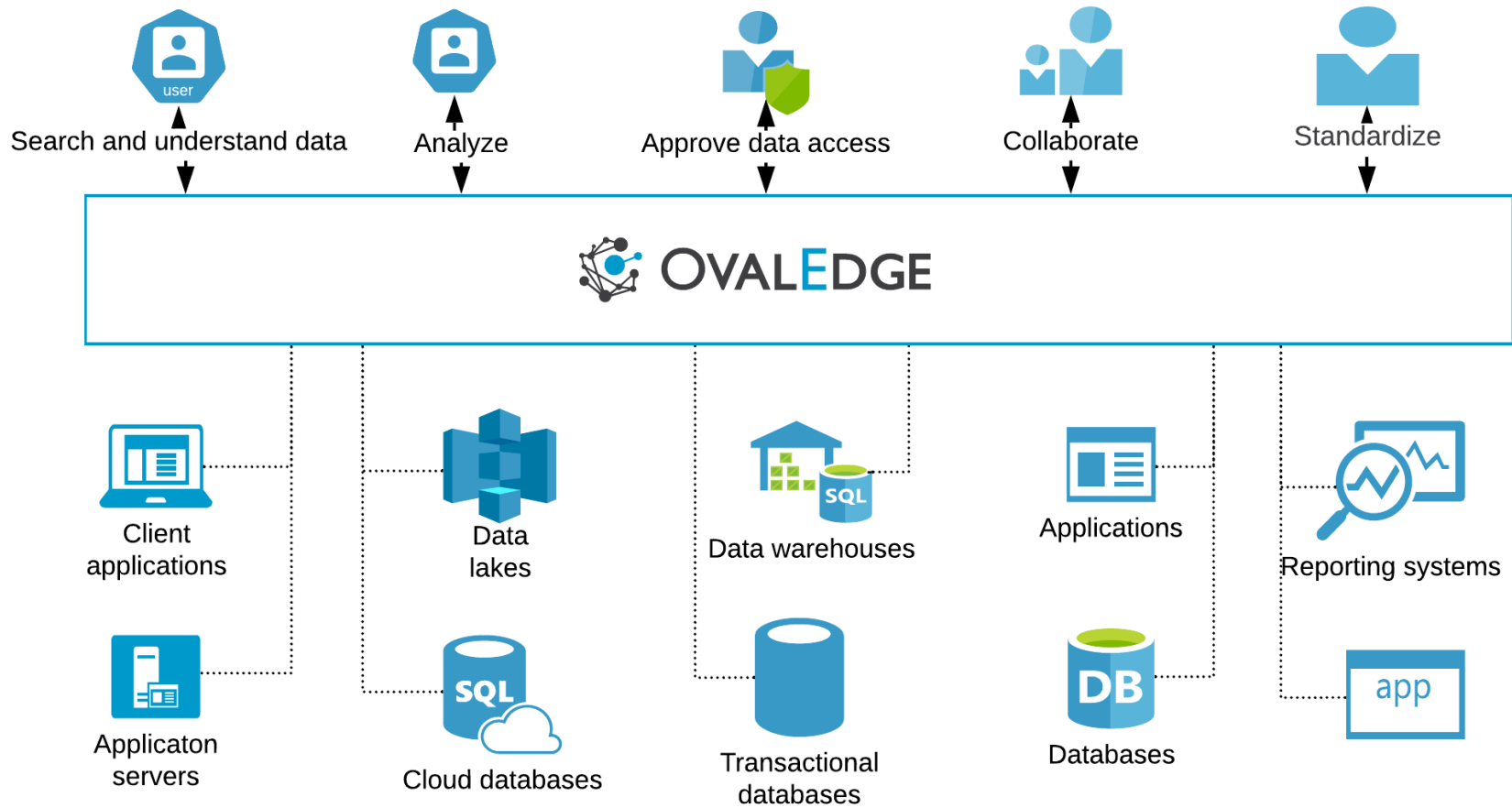


**COMPLY WITH  
REGULATIONS**

# How Organizations Deal With Data Governance: A Confusing Mess



# OVALEDGE Govern Your Data Smartly

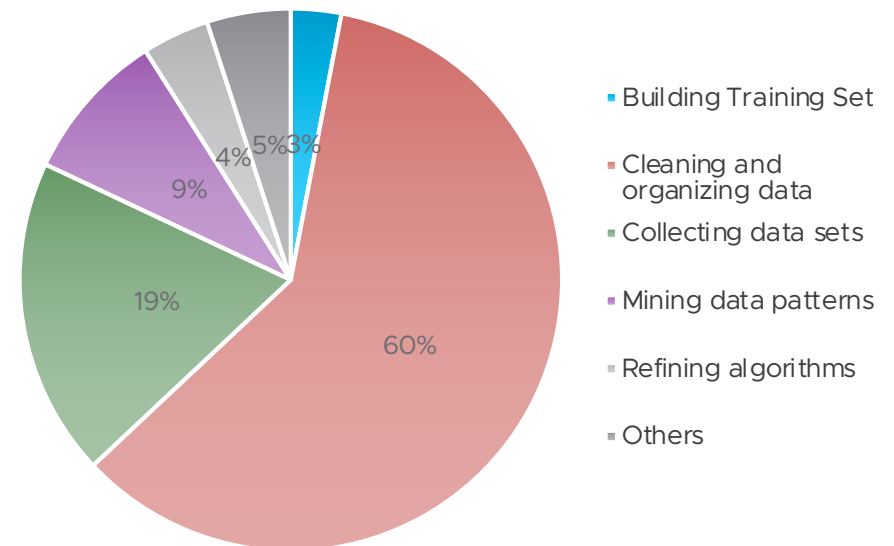


# Dispersed Data Governance is Inadequate and Hinders Growth

## Highest recorded GDPR fines

Company	Fine
British Airways	€ 204.6m
Marriot International Hotels	€ 110.3m
Google Inc.	€ 50m
Australian Post	€ 18.5m
Deutsche Wohnen SE	€ 14.5m
1&1 Telecom GmbH	€ 9.5m

## What do data scientists spend the most time doing? <sup>2</sup>



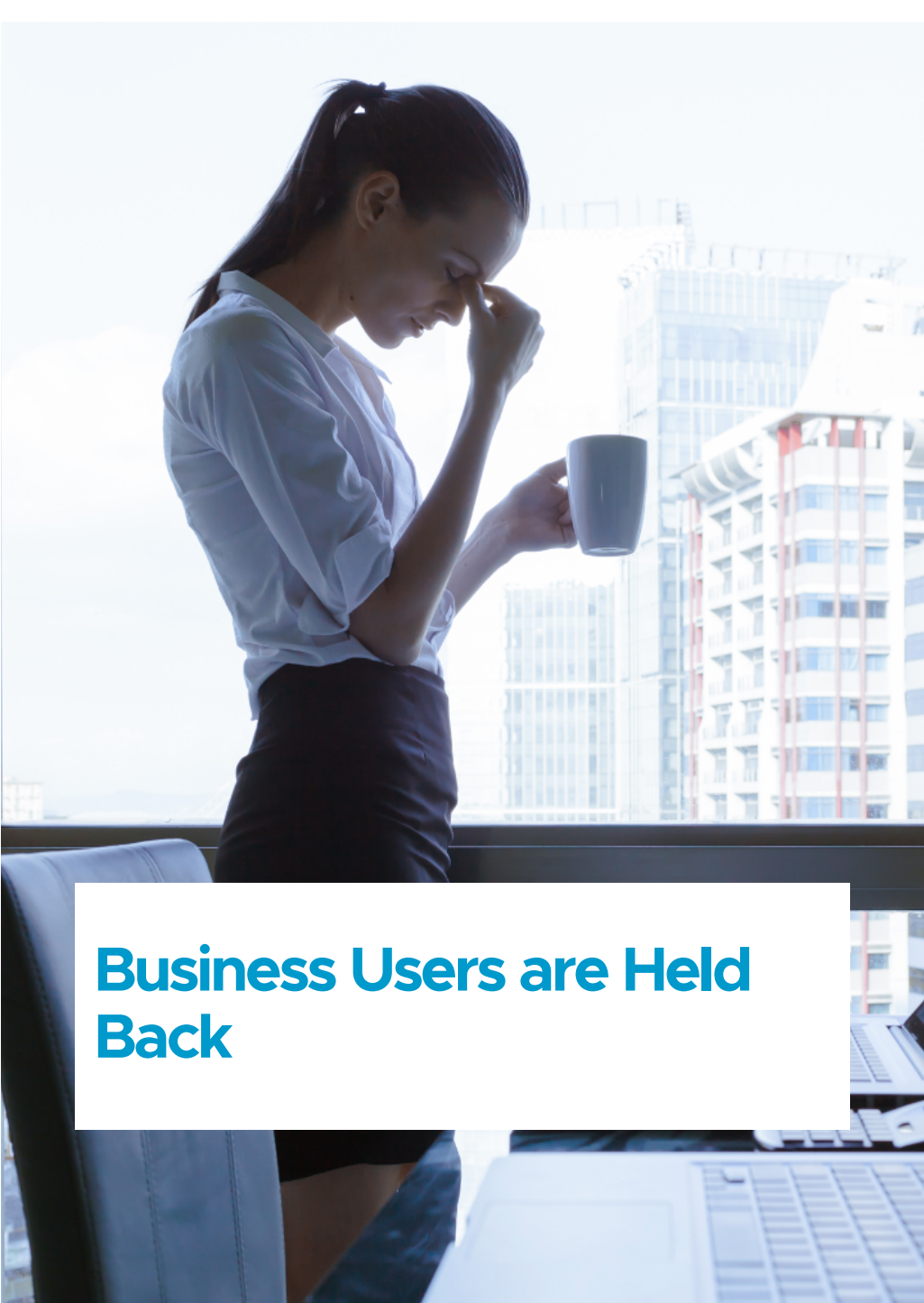
# \$3.1 trillion

is the estimated amount of money that poor data quality cost the US economy in 2016 alone <sup>1</sup>

Source:

1. Harvard Business Review  
<https://hbr.org/2016/09/bad-data-costs-the-u-s-3-trillion-per-year>
2. Forbes  
<https://www.forbes.com/sites/gilpress/2016/03/23/data-preparation-most-time-consuming-least-enjoyable-data-science-task-survey-says/?sh=61b504336f63>





## Business Users are Held Back

**No access:** Despite data existing within the company, nobody is aware of the person, device, application, or database that stores it. This prevents people from being able to use this data effectively and efficiently, because they can't access it.

**Difficult to understand:** Even if they do gain access somehow, it takes a long time and lots of coordination to understand if the data is relevant.

**Untrustworthy:** Often, they can't trust the data available to them because of so many unknowns like:

- *Where it came from or how it was processed*
- *Where else it's used*
- *Who else is using it and how*
- *What formulas and calculations were used to process it*
- *Is metadata telling what it is*

**Inconsistent definitions:** Business users are unable to make clear and concise decisions based on the data available to them because there are no consistent definitions in place.

**Data quality is unconfirmed:** Lots of data quality issues.

**Access issues:** They don't have access to data from different departments.

**Business coordination problems:** They encounter various issues when dealing with business teams:

- *Understanding their requirements and tackling ongoing requests for changes*
- *Long periods of time spent identifying and locating data—even when it is accessible to them*
- *Multiple business users have the same requests*

**Small changes make a big impact:** It takes a long time to validate how a change made to the data/metadata in one system will affect the others.

**Resources for documentation:** They are constantly asked to document data models and data lineage, but they don't have the time or resources to do so.

**Production setbacks:** Even after validation, many data assets remain untracked and lead to production issues further down the line.

**Trustworthiness:** The data they have at their disposal is untrustworthy, so they can't confirm whether it is the correct information to use in their models.



## Data Teams Experience Unnecessary Pressure



## Existing Data Management Processes & Techniques are Ineffective

**Protecting PII:** Securing Personal Identifiable Information (PII) is complicated as teams must coordinate with multiple systems and data owners. Legal teams regularly ask for PII, and it's whereabouts to various data owners or security teams, but no one knows how to protect it.

**Making data accessible:** They struggle to make the data accessible to everyone in the company.

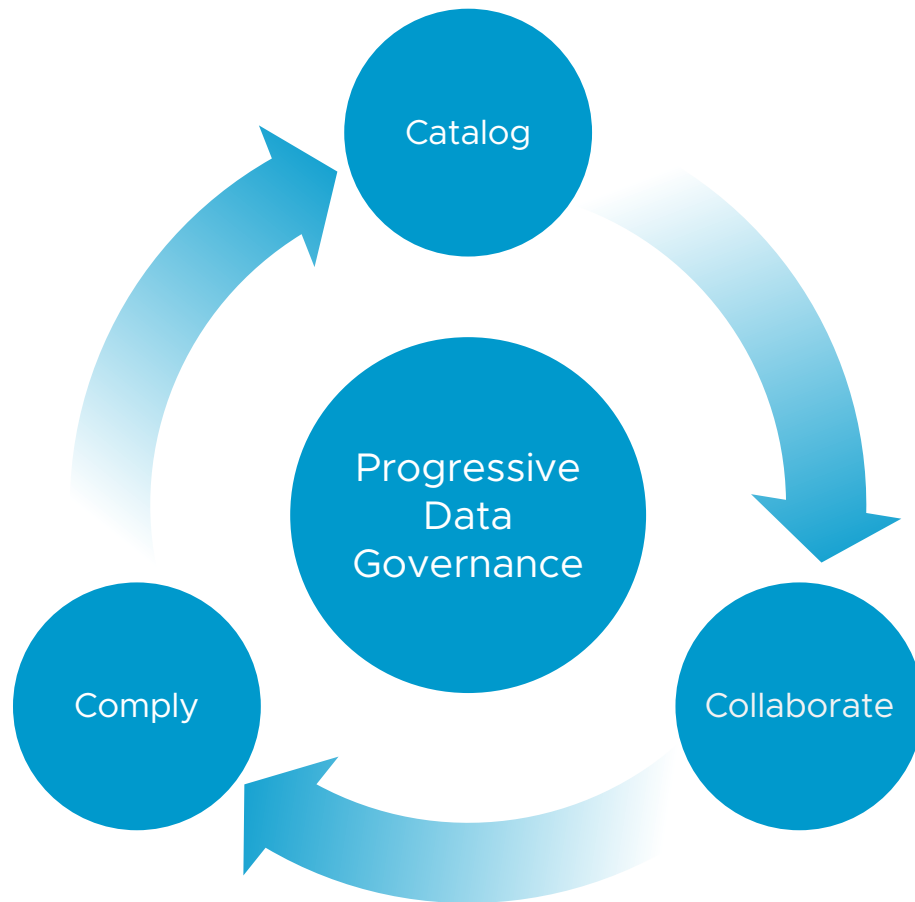
**Common data standards:** There are no common definitions and frameworks in place, so it's impossible to develop a set of common data standards.


**Documenting data lineage:** They often don't have access to information regarding the lineage of the data.


**Data quality issues:** There is no structure in place to address data quality issues.




# OvalEdge: A Progressive Approach to Data Governance



 **Catalog:** We make data asset discovery easy by automatically cataloging your enterprise data assets.

 **Collaborate:** We provide a self-service experience for your analytics, data, and business teams so they can find, understand, enrich, and collaborate on data assets with ease.

 **Comply:** We'll help you to define and apply data controls that ensure data quality, enforce data governance policies, and guarantee you meet compliance requirements.

# Benefits of OvalEdge



## Data-Driven Decisions

Facilitate data-driven decision making through self-service and well-defined business processes, slashing the time it takes to gather **trusted** insights



## Compliance

Ensure that various privacy laws like the GDPR, CCPA, and internal data policies are met



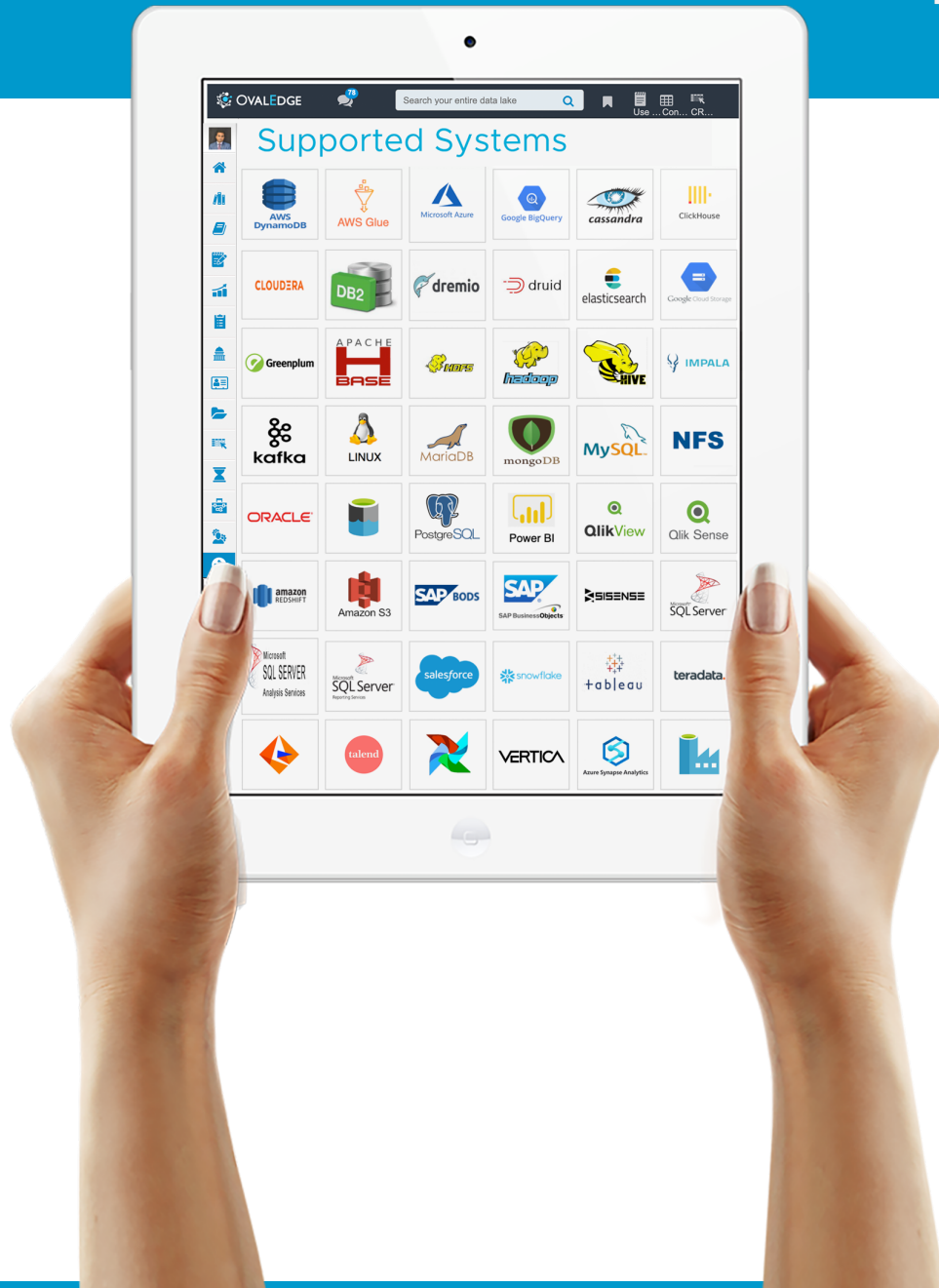
## Productivity

Improve the productivity and efficiency of IT and data teams by providing various tools and techniques like data lineage impact analysis, and data discovery





# Catalog all your data sources

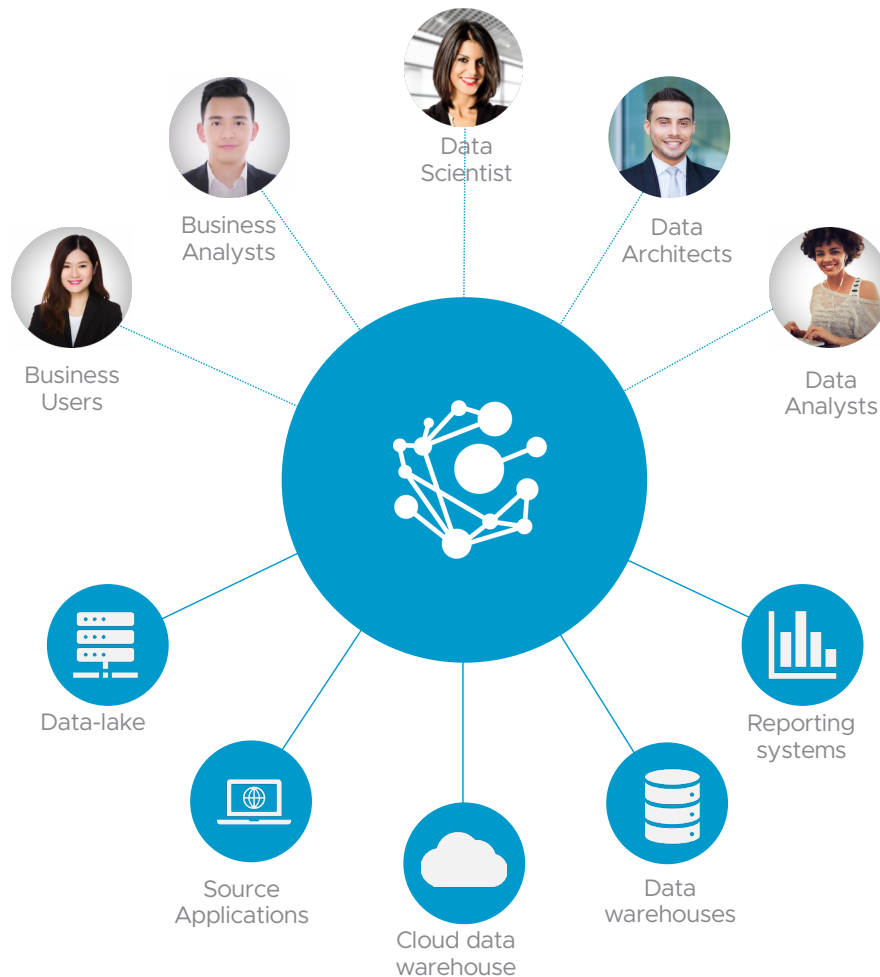


- Crawl hundreds of data sources including databases, data warehouses, data lakes, and reporting systems with our **automated crawler**.
- **Automatically profile** various kinds of databases and data lake technologies.
- Initiate **auto-schema detection** for multiple file types including JSON, Parquet, CSV, XML, and more.
- Use **automatic relationship identification** across various data sources.
- **Auto-lineage** enables you to build lineage automatically by parsing source code from various database technologies and reporting systems like Tableau, Qlik, Business Objects, and more.
- Our **AI algorithm** will help you find relevant data for your search terms.





# Collaborate on data analytics & more, with ease



- With **self-service**, you can find and understand data from all data sources.
- Collaborate and share data without fear of breaching **data security or PII** regulations.
- Query your data directly from your data sources using a **spreadsheet-style user-interface**.
- **Visualize data** using your favorite BI tools like Tableau, Power BI, and Qlik.
- Understand the definitions of KPIs and business terms **within the BI tools** using our **browser extension**.
- **Protect PII** and other confidential information **using AI**.
- With metadata access, you can search every data source, and access it through a straightforward, transparent approval process.



# Comply with data protection laws and internal policies



## One Suite to manage all Data Governance functions

DAMA: A not for profit, vendor independent organization. Its main goal is to promote the understanding, development and practice of managing data and information as key enterprise assets to support the organization

- Standardize various business terms with a **Business Glossary** and best practice guide for most practical scenarios.
- Use **ServiceDesk** to capture and manage information regarding all your current and past data quality issues.
- Develop **data quality rules** to maintain data quality across your enterprise.
- **Data classification** enables compliance teams or auditors to inspect and validate all PII data elements across the enterprise via a single application.
- Find the exact privacy data from hundreds of data sources for any “**right to be forgotten**” request using a Governed Data Query.
- Secure your data with a **comprehensive approval workflow** based on your own organization requirements.

# Why OvalEdge ?

Some companies provide delivery tools without governance. Others provide governance without delivery tools, but OvalEdge is different. It's a comprehensive governance and analytical solution.

## Open Architecture

It enables organizations to customize their own business logic by writing java classes or SQL queries.



## Agile / Progressive

Start from your priority data governance function and use-case, build a culture and then adopt other use-cases.



## Lean Infrastructure

It only requires lean infrastructure so IT costs are kept to a minimum.



## Bottoms Up Adoption

It provides various tools to every user type so that adoption is organic.



## AI / Machine Learning

Crawlers and algorithms are automated and uses state of the art AI. other tools require a great deal of manual effort.



## Complete Data Governance

OvalEdge is the only tool which provides all functions of the data governance prescribed by DAMA.



## Affordable

You can start small and scale up as the needs of your organization grow.



## Customer Service

OvalEdge is known for its excellent customer service. We provide workshop, training and technical services to ensure your successful implementation.



**FUTURE TECH**  
HOLDING COMPANY

**ALARIS**  
ROYALTY CORP.

ACCSCIENT

OVALEDGE

OVALEDGE IS A SUBSIDIARY OF  
ACCSCIENT

ACCSCIENT'S  
Revenue: \$200M+  
Employees: 1000+  
Customers: 2000+



**USA OFFICE**  
5655 Peachtree Pkwy  
#216  
Norcross GA 30092

**OVALEDGE INDIA**  
Manjeera Trinity  
Kukatpally, Hyderabad

**2PB** is the amount of data the OvalEdge algorithms have crawled for its one of the large implementation.

**3M** is the number of assets managed by one of the sizeable OvalEdge implementations.

**3W** is the average number of weeks to get the OvalEdge up and running for the first use-case.