Comparison of 2 Data Catalogues Tools

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Agenda

- What is a Data Catalog?
- Why Data Catalogues?
- IBM InfoSphere IGC
- Lumada Data Catalog
- Comparison
- Sources

What is a Data Catalog?

- digital inventory (directory)
- contains all company data
- Single source of trust data inventory that is correct and can be relied upon
- Data catalog is filled with metadata of technical and business origin
- Data supply & demand
- provides functions for registering, retrieving, using, evaluating and analyzing data

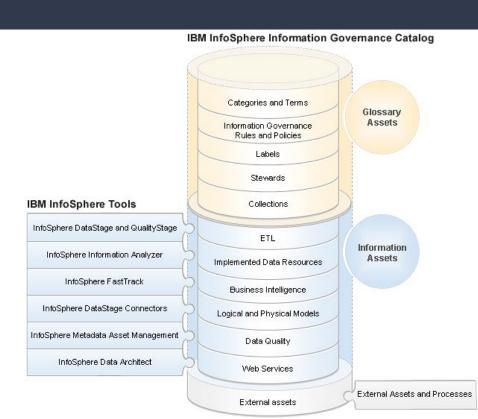
Why Data Catalogues?

- Data is constantly accumulating, more and more and in new formats
- data sets should be transparently available in the company
- to organize company data
- Main objective: to promote collaboration within the company by making relevant data

IBM InfoSphere IGC - General

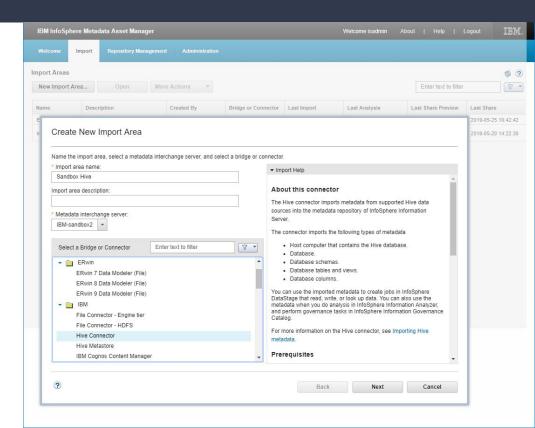
InfoSphere Information Governance Catalog

- web-based tool
- Create, manage, share, use business knowledge
- Prices
- individual offer
- Goals
 - Data -> reliable information
- Can be used in conjunction with other InfoSphere tools



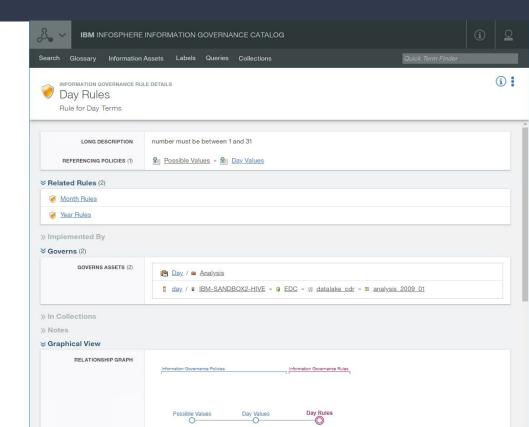
Connection of data sources

- different types of sources (asset types)
 - (AWS S3, IBM InfoSphere DB2, Oracle ...)
- Import e.g. via Metadata Asset Manager



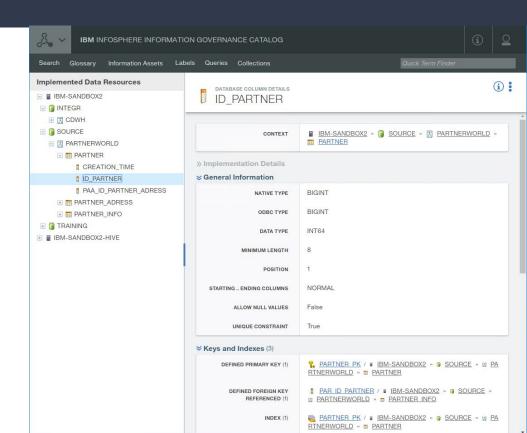
Glossary Assets

- create/represent complex relationships between assets
- Categories
 - o like a folder to structure Glossary Assets
- Terms
 - Word/phrase that describes a characteristic
- IG Rules
 - a natural language description of a criterion that determines whether an information asset meets a business objective.
- IG Policies
 - a natural language description of a subject area
- Labels



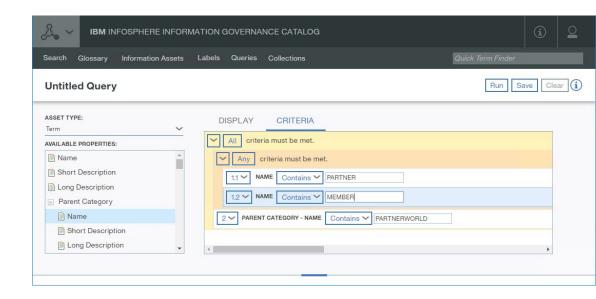
Information Assets

- Imported records
- Imported metadata
- Display of all included data sources
- Display of all data sets/metadata
- Assign to Glossary Assets



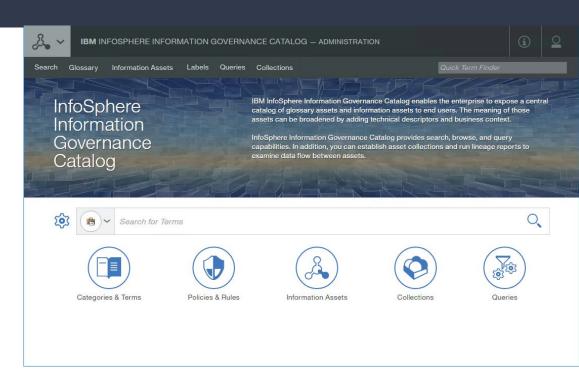
Queries

- create your own queries
- for Information Assets
- for Glossary Assets
- result: Table with information



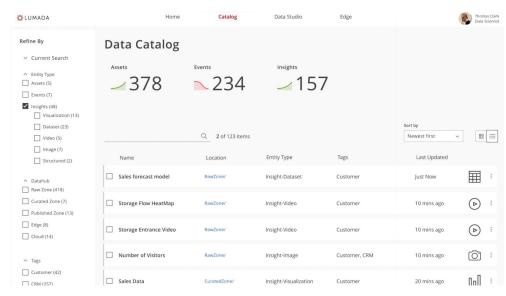
IBM InfoSphere IGC - Who is it for?

- Business Analysts
- Business experts
- Organizations that
 - want to manage a common enterprise vocabulary and governance practices
 - want to leverage the potential of integrated metadata
 - reduce the need for technical training



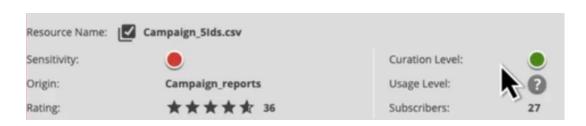
Lumada Data Catalog (Waterline Data Catalog)

- Tool for managing data from diverse sources
- uses machine learning to build data inventory
- patented fingerprinting technology for data
- Management of data lakes
- Goal: analyze large amounts of data automatically
- Price and demo are only available on request



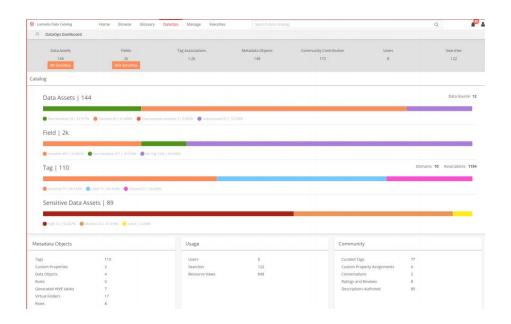
Lumada Data Catalog - Functions

- Data recognition using metadata-based search
- Management of sensitive data
- Patented data fingerprinting
 - data processing based on machine learning
 - o automatic recognition of sensitive data
 - o enables Google-like search with corporate identifiers
- visualization of data, -origins and -relationships
- Detection of redundant data
- comment, subscription, rating function
- Recording of user data



Lumada Data Catalog - Who is it for?

- Companies with large amounts of data
- Data analysts
- Fast and efficient compliance with data protection regulations
- Management of sensitive data



Comparison

Category	IBM InfoSphere IGC	Lumada Data Catalogue
Similarities	 Data Catalog Tools individual price offer use of different data sources 	
User Interface	Web Tool	no specification (possibly desktop application)
Focus	data management	data analysis
Al	No	Al-based data analysis and structuring
Product Portfolio	IBM InfoSphere Family	Lumada Data Services
"Social-Media" Tools	No	Yes (comments, subscription, rating)

Sources

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THANK YOU FOR YOUR ATTENTION!



