

4th- IR Virtual Data Steward

Enhance the quality, value, and trustworthiness of your data

The customer service landscape

Turning unstructured data into a source of useful insight is becoming easier and more affordable with Artificial Intelligence and machine learning algorithms. Different types of valuable patterns and insights can be found in textual content such as emails, chats, social media posts, search engines and news.

The challenge for organizations is to extract value from millions of pages of content at high speed and delivering this in a user-friendly and interactive format. Users need to navigate and search easily through the data, discover correlations and connections, validate or clarify assumptions, and make constructive predictions about the future.

The Virtual Data Steward implements smart data modeling scalable to the entire data landscape, automating complex tasks and improving overall accuracy of the identified data.

Unstructured information is turned into structured data through the process of identifying data elements, defining variables and assigning their values.

Facts & Figures

Unstructured data may account for **80% to 90%** of content generated globally, making unstructured data valuable.

Human and machine-generated data is experiencing an overall **10 times** faster growth rate than traditional business data.

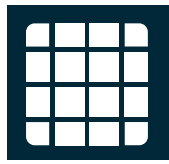
Data Governance market worldwide is projected to grow by **US \$3.5 Billion**, driven by a compounded growth of **20.7%**.

Sources: Deloitte Insights / Allied Market Research

Challenges tackled by the 4th – IR Virtual Data Steward

- **Regulatory Oversight**
Corporations need to demonstrate control, insight, and ownership of their data
- **Exponential Growth**
Organizations are seeing data grow at rates of 23-40%, meaning data assets will double every 24-40 months
- **Manual Interventions**
Lack of well-documented mappings of business terms to technical data elements requires significant manual interventions
- **Complex IT Landscape**
Maintaining legacy systems while staying up-to-date with new technologies creates a complex landscape for identifying truth in data
- **Unstructured Data ecosystem**
Data is trapped in Visio, PDFs, images, free text fields and in semi-structured files like Excel, Word and text editors

Features



Pattern Detector

Identifies patterns, relations and clusters in data



Gap Stitcher

Identifies similarities and discrepancies in relationships and lineage and recommends solutions



Recommendation Engine

Suggests connections between business concepts and technical terms



Critical Data Tagger

Identifies and tags key meta-data and data elements



Subject Matter Expert

Answers questions based on reviewed text



Text Summarizer

Summarizes important documents at a click of a button

Advantages

Less duplication and manual manipulation of data

Intelligent data management is more accurate and requires less human intervention and re-work

Quality & Reliability

Properly executed data stewardship improves quality and reliability, increasing accuracy and trust in the data analysis process

Improved decision-making

Data is aggregated and organized to uncover valuable insights throughout the enterprise

The Virtual Workforce of the Future

We're unlocking the collaborative intelligence between humans and machines to transform the future of work, so every company achieves competitive advantage by leveraging Artificial Intelligence.