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DATA GOVERNANCE
A PREREQUISITE FOR AI PROJECT SUCCESS

Data and its AI applications are central to achieving increased productivity and overall efficiency. Through specific processes and an adapted organizational structure, data governance enables companies to organize data, improve its quality, and meet the ethical and regulatory challenges of data processing.

Respondents to a Gartner survey cited improved data security (66%) and fewer compliance breaches (52%) as benefits of implementing a data governance framework.*

** Source: Gartner Data Governance Frameworks and Challenges, December 2023*

Client Case SAVENCIA Gourmet – Valrhona Selection
Deployment of a Data Governance strategy as an AI transformation accelerator.

Savencia is an international food group with over 25,000 employees operating in 29 countries. The company has a major dairy processing branch as well as a gourmet branch catering to chocolate, seafood, and deli products.

To achieve its ambitious data roadmap goals, Savencia turned to Artefact to help implement an artificial intelligence strategy built on four pillars:

Evolution of data standards: a review of all benchmarks to ensure that data is clean and easy to work with.

New infrastructure: platforms and infrastructures allowing all subsidiaries and business lines to work under the best possible security conditions, with access to the best solutions.

Data governance: a strategy with clearly defined roles at each level of the organization so that everything is orderly and methodical.

Team acculturation: from management teams to operational teams, so everyone can maximize the potential of data.

Importance to build up strategic foundations through data governance.

Julien Ho-Tong, Partner and Data/AI Strategy & Governance Expert at Artefact, interviewed by Caroline Goulard, Journalist and CEO of Dataveyes, talks at length about data governance: what it is, why it's important, what constitutes an effective data governance strategy, and most importantly, how to acculturate ExComs to its value.

"To implement data governance, top management might ask to be convinced of ROI first. Also, they need to realize that it's an enterprise-wide transformation topic that will be mobilizing business, data, and IT. Executive sponsorship is easier to obtain if you begin by focusing on one or two data domains (product, customer, supplier)," explains Julien.

He explores multiple aspects of data governance, including:

– Technology and tools,

– Compliance and legal aspects,
– Data security and privacy,

– Data usage and analysis,
– Organizational culture and change management,
– Future trends and scalability,
– Cost and ROI.

Navigating the data governance landscape: Decoding AI governance.

As AI solutions proliferate, organizations must implement proper AI governance initiatives. Inadequate AI governance **puts organizations at risk** of regulatory non-compliance, compromised decision-making processes, and failure to meet customer expectations.

Artefact advises companies to consider **seven non-negotiable imperatives** in any design or deployment of AI solutions: **accountability, trustworthiness, responsibility, ethics, fairness, explainability**, and **transparency**.

Many companies will need to make significant organizational changes, including:

Introducing **roles and responsibilities for AI governance**;

Defining a suitable **AI governance operating model** within the organization;

Outlining **necessary policies and procedures** for AI governance implementation;

Determining the **tools and technologies** required to support AI governance;

Establishing suitable **monitoring protocols** for AI system compliance.

READ THE ARTICLE

Decentralized data governance: The vanguard of innovation.

Centralized data governance has become obsolete. Decentralized data governance provides **agility** and **scalability**, empowering all business units to make quick decisions that separate industry leaders from followers.

Artefact's **migration roadmap** to a decentralized governance model follows seven steps:

Conduction of a **readiness audit**,

Definition of a **business unit-led use case**,

Definition of **universal governance principles**,

Creation of **node-specific KPIs**,

Investment in **decentralized governance platforms**,

Establishment of **conflict resolution mechanisms**,

Formation of **strategic partnerships**.

READ THE ARTICLE

Artefact report: Data Governance – Insights from the field.

This report explores the issues and challenges encountered by companies in the deployment of data governance projects. It also provides actionable solutions for each major organizational type and data maturity level, with the goal of implementing a sustainable, replicable data governance program.

The four stages of the data governance journey:

– **Unconscious incompetence**: What are the "symptoms" of a lack of data governance?

– **Conscious incompetence**: What challenges do companies encounter when starting a data governance journey?

– **Conscious competence**: What steps do companies usually follow when launching a data governance program?
– **Unconscious competence**: What happens when data governance becomes the new normal?

Artefact report: Data Quality Management Past, present & future with Generative AI.

This report highlights the significant cost of poor data quality. According to Gartner, companies find poor data quality is responsible for **$15 million in annual average losses**. The evolution of data quality, data quality tools, the impact of generative AI, and methods for organizational improvement are also examined.

Three key takeaways:

Data quality is much **more than a question of tools**.

Data quality requires the **involvement of business teams, data management teams, and project teams**, not just IT teams.

A true technology revolution is underway with **"data observability"** and integrating generative AI into data quality management solutions.

Artefact International Adopt AI Summit, June 5th, 2024 at Station F in Paris – Secure your place.

To celebrate its 10-year anniversary, Artefact is organizing an international summit, **Adopt AI**, under the **High Patronage of Mr Emmanuel Macron, President of the French Republic**, to promote the democratization of data and AI.

Join us on **June 5th** (2000 C-level visitors are expected) and be inspired by **150+ top CXOs, startup and scaleup CEOs, GenAI technology partners, distinguished professors, and Artefact Research Center Ph.D. students** sharing their views on the impact, solutions, and perspectives of the latest data and AI technologies on business, society, and the planet.

Discover our first scheduled speakers, including CEOs and Business Leaders of major corporations such as Engie, Fnac Darty, Société Générale, Doctolib, Accor, Mistral AI, Servier, Photoroom, BNP Paribas, Helsing, French Tech Mission, etc.

Additional speakers will be progressively announced until June 5th.
Regularly check

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