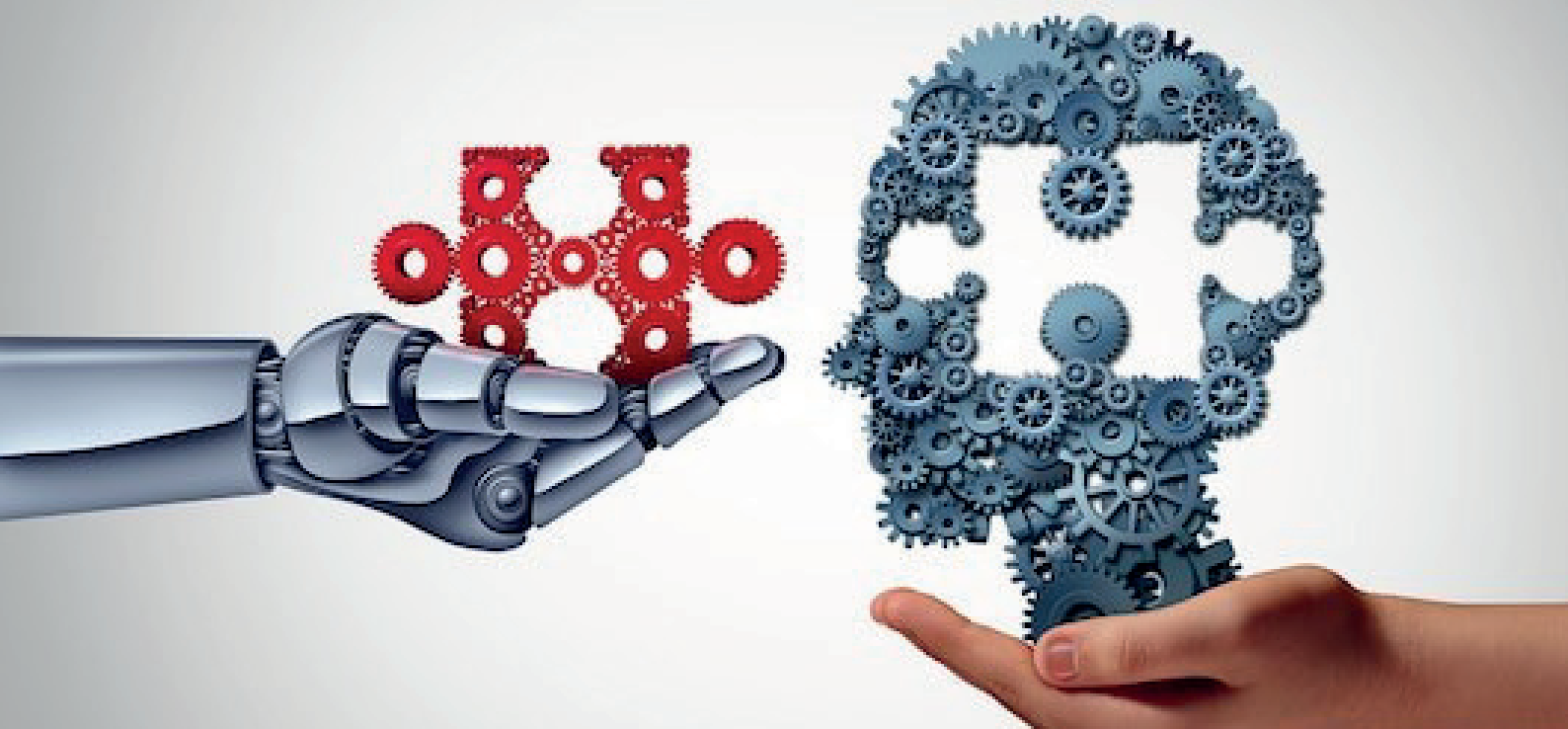




The Changing Role of CIOs: Embracing Data Governance for Digital Success

In the digital era, Chief Information Officers (CIOs) have long been responsible for providing companies with the necessary tools and technologies to drive digital transformation.

However, a historical disconnect has existed between CIOs and Chief Procurement Officers (CPOs), resulting in disagreements and suboptimal outcomes for digitization projects.

This divide stems from the realization that these tools can only function optimally if there is high-quality data.

The paradigm is ever-shifting as artificial intelligence (AI) is being integrated into software tools. This means that CIOs now find themselves responsible for providing tools and ensuring the availability of accurate and specific data.

To fulfill this new role, CIOs must explore solutions that enable continuous data cleansing and robust data governance. In this blog post, we will delve into the importance of data governance and discuss potential solutions available on the market.

The Importance of High-Quality Data: Data is the lifeblood of modern organizations. It fuels decision-making, drives innovation, and enables businesses to gain a competitive edge.

It is important to note that the effectiveness of digital tools relies on the quality of the data they are fed. These tools must be trained with clean, reliable, and specific data. Historically, data quality responsibility fell on users' shoulders who created and managed new data, while CIOs focused on deploying technology solutions.

This division of responsibilities often resulted in misalignment, hindering the organization's overall digital transformation efforts.

The Role of Artificial Intelligence in Transforming Data Governance: With the advent of AI, the landscape is changing.

Digital Twins, Predictive Analytics, Guided Buying, and Risk Management, to say a few, are AI-powered tools that require high-quality, domain-specific data to deliver accurate insights and drive meaningful outcomes. Therefore, Data Quality (DQ) assurance is becoming the prerequisite and the enabling factor of any AI-driven initiative.

High-quality data can also benefit from AI, meaning that today, it is possible to implement tools that ensure DQ from the very beginning of the Data creation itself. As a result, CIOs are now compelled to take ownership of those tools that become a central piece of the IT architecture.

This shift in paradigm presents an opportunity for CIOs to bridge the gap between technology and data governance, ensuring a holistic approach to digital transformation.

Continuous Data Cleansing and Data Governance Solutions: To fulfill their expanded role, CIOs must explore solutions available on the market which enable constant data cleansing and robust data governance. These solutions empower organizations to maintain the integrity, quality, and relevance of their data by implementing best practices such as:



***"Data quality is the cornerstone of effective procurement!
It means more than just accuracy.
It's about the granular categorization of procurement data and the capability
to identify similar items, even when they are buried in unstructured
data and written in different languages.
This level of expertise is vital in the complex landscape
of large multinational companies."***

Adriano Garibotto, Co-Founder - Creactives SpA

- **Data Governance Frameworks:** Establishing a comprehensive data governance framework enables organizations to define roles, responsibilities, and policies around data management. It provides a structured approach to data governance, ensuring data quality (categorizing and identifying items using unstructured data), privacy, security, and compliance.
- **Data Cleansing Services:** Investing in data cleansing services helps identify, validate, and cleanse inaccurate or redundant data. By eliminating duplicate records, standardizing data formats, and resolving inconsistencies, organizations can enhance the reliability and accuracy of their datasets.
- **Automated Data Quality Monitoring:** Implementing automated processes to monitor data quality in real-time ensures ongoing maintenance and improvement. Continuous monitoring allows organizations to identify and address data anomalies proactively, providing high-quality data is consistently available for AI-powered tools.
- **Data Cataloging and Metadata Management:** Creating a centralized data catalogue and managing metadata allows organizations to gain visibility into their data assets. Organizations can quickly locate relevant data, understand its lineage, and establish data quality metrics with proper categorization, tagging, and documentation.

AI must become ubiquitous in IT architecture, empowering simple transactions that can be totally automated through search and match capabilities beyond language barriers, providing complex what-if scenarios, and supporting proper decisions.

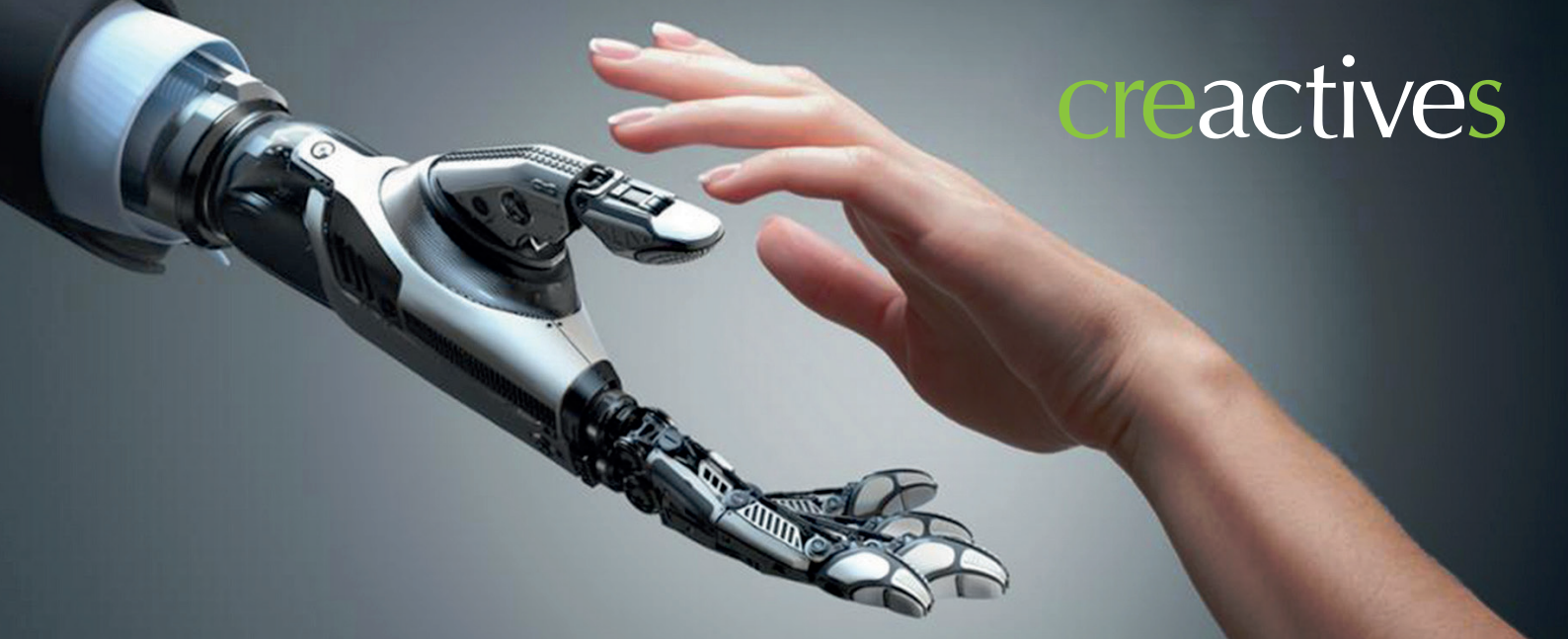
Through collaborative efforts, CIOs and CPOs can establish a new framework where AI algorithms thrive on well-prepared data, enabling procurement teams to make informed decisions and drive strategic outcomes like gaining deeper insights into supplier performance, identifying cost-saving opportunities, improving negotiation strategies, and enhancing overall procurement effectiveness.

This partnership will enhance the efficiency and effectiveness of procurement operations and contribute to the organization's broader digital transformation goals.



***"High-quality data is vital for a successful launch and rapid user adoption
for any kind of e-Sourcing system – such as Archlet. It serves as the foundation
for employing advanced Generative AI technology,
enhancing the overall utility of these systems.
Utilizing advanced systems to clean and categorize data brings
benefits throughout the entire procurement process,
from Source-to-Contract (S2C) to Procure-to-Pay (P2P)."***

Lukas Wawrla , Co-Founder - Archlet



Founded in 2000, Creactives SpA is a company that specializes in providing solutions for procurement and supply Chain digitization. We offer services such as MMD Cleansing and Governance, Spending Categorization, as well as AI solutions for real-time analytics, inventory management, procurement optimization, and data migration. Creactives SpA started as a cost reduction consulting company and has evolved to develop supervised AI-powered technologies to address complex real-life business problems in data management for the supply chain.



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MATERIALS & SERVICES
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CREACTIVES: SOLUTIONS SELECTED OVER YEARS BY OPINION LEADERS



"Creatives solves the multi-lingual data harmonization problem across global ERPs where every ERP is in a different language and encodes the product/service/entity using a different format/encoding specific to that language and locale, and it does it very quickly for large data sets. Similarly, it supports simultaneous taxonomies in global spend analytics".

Abigail Ommen, Research Analyst & Analyst Production Manager