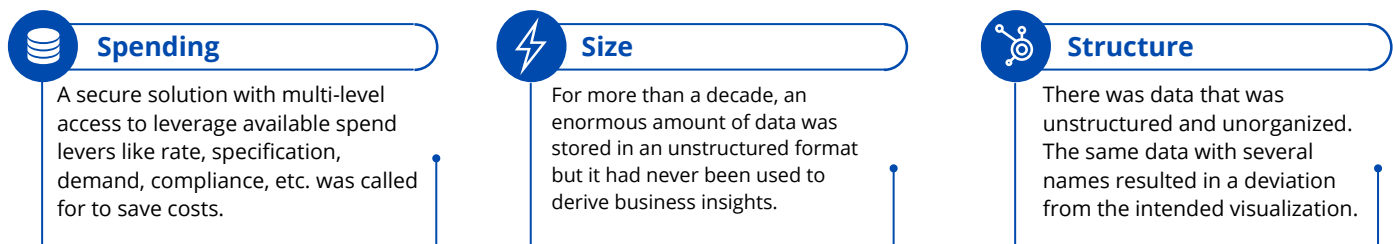


BUILT AN ML-BASED SPEND ANALYTICS SOLUTION FOR A HEALTHCARE SUPPLY CHAIN PLATFORM

Industry Challenges

The lack of transparency into information to standardize products or suppliers in the existing ERP system creates bottlenecks in business decision-making. In addition, it cannot leverage discounts in real-time or shift market share from one supplier to another. The challenge is to visualize insights and monitor spending in an efficient way.



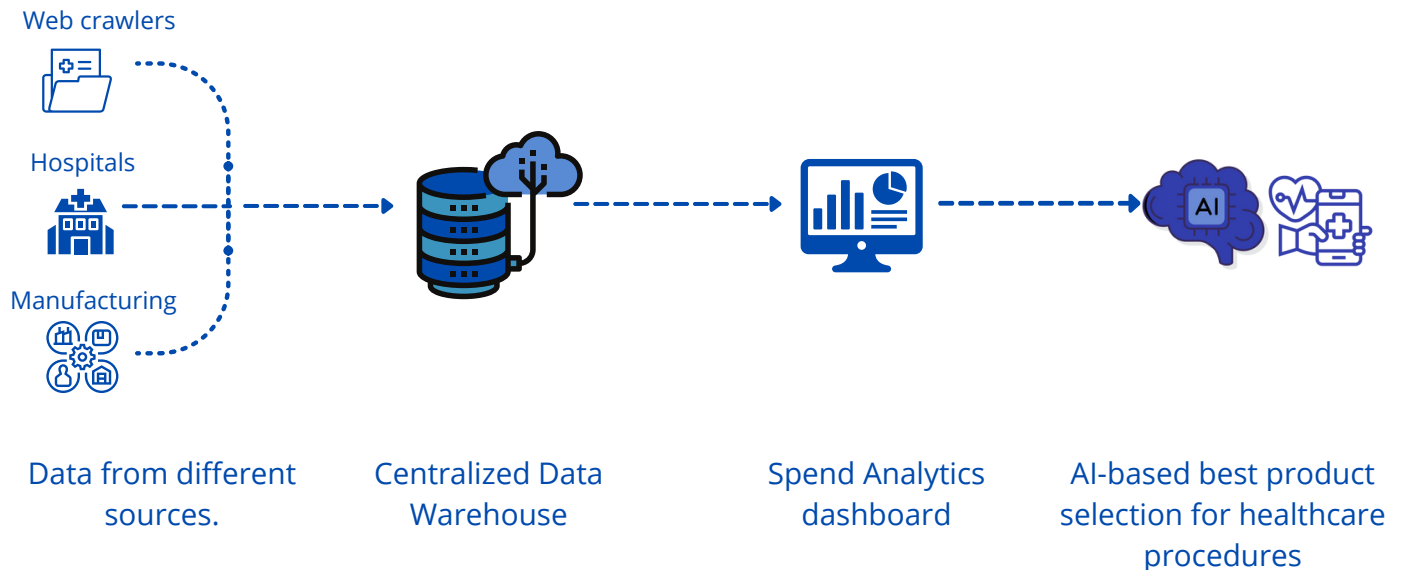
Problem Statement

The legacy ERP system makes it difficult to make business decisions due to the lack of any visibility on spending and insights to standardize products or suppliers. The client was looking for a real-time system that can generate business intelligence from data that is dispersed throughout the organization while also standardizing the process through data and process centralization.

Our Solution

- A central data warehouse was created to standardize the products across the platform.
- Algoscale developed a multi-module integrated platform. One of those modules, the Spend Analytics dashboard, assisted the customer in gaining visibility into their expenditure and managing it appropriately to reduce costs.
- Our AI-based solution simplified product selection for given healthcare procedures, RFP & Contract management utilities, and allowed complex integration of new users on the platform.

Technology



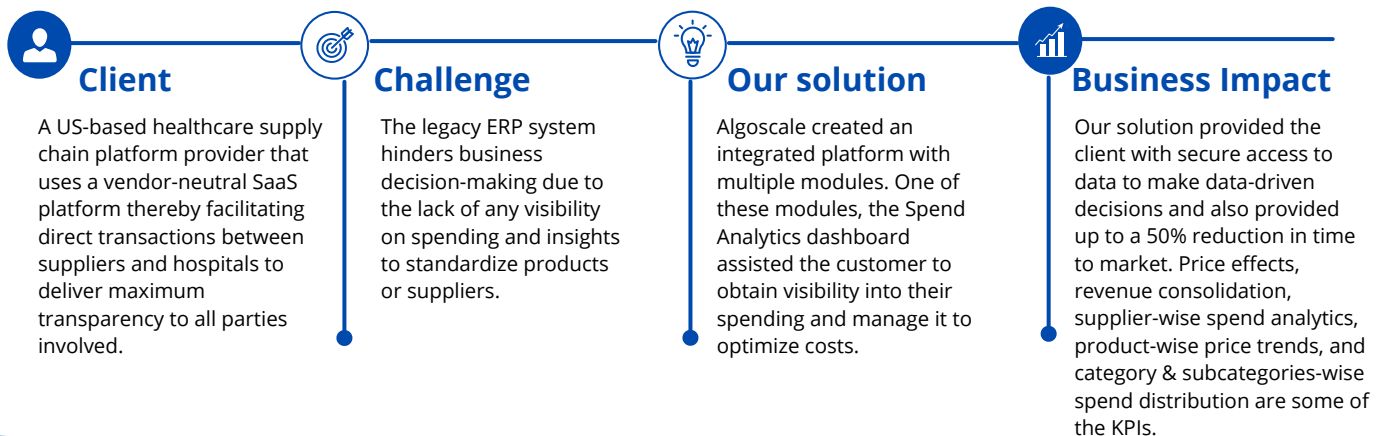
Tech Stack



Business Impact

- Our solution built an intelligent, algorithm-friendly, vendor-neutral SaaS platform that provides cost savings for hospitals and new revenues for suppliers.
- The solution provided real-time insights to the hospitals and the supply chains in terms of Price impacts, Revenue Consolidation, Supplier-wise spend analytics, Product-wise price trends, and Category-wise spend distribution.
- The supplier collaboration for hospitals improved and the application helped suppliers to have end-to-end visibility of the sales process.
- The out-of-the-box spend analytics solution also provided up to a 50% reduction in time-to-market.

Case Study: Built an ML-based spend analytics solution for a healthcare supply chain platform



WE ❤️ DATA

Algoscale is a Data consulting company covering data engineering, applied AI, data science, & product engineering. Established in 2014, we have helped wide range of organizations from start-ups to Fortune 100 companies ingest and store enormous amounts of raw data in order to translate it into actionable insights for better decision-making and faster business value. To know more, visit: <https://algoscale.com/>

✉ askus@algoscale.com

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