



# Transforming Manufacturing Operations with AI-based Data Hub

For a Leading Manufacturing Firm Based in Canada



AIMLEAP

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## BACKGROUND



- The company's data was scattered across various systems and formats, making it difficult to access, analyze, and derive actionable insights.
- They were not able to gain deeper insights, uncover patterns, and make accurate forecasts for process optimization and product innovation.
- The need for dedicated IT infrastructure, skilled personnel, and ongoing maintenance added to the overall operational expenses of the manufacturing firm.

## APPROACH TO SOLUTION



- The company gained a single source of truth, eliminating data silos and enabling easy access for authorized personnel.
- Through automated data cleansing and validation processes, the platform improved data accuracy and consistency.
- Automated data integration and preprocessing tasks, reducing manual effort and eliminating redundant processes.

## OUTCOME

**40%**

reduction in data retrieval time

**25%**

improvement in data accuracy

**Employees focused**

on higher-value activities



## AI-DATA-HUB



AI-Data-Hub is an on-demand data hub for curated, pre-annotated, pre-classified data, allowing enterprises to leverage high-quality data for training and developing AI models. The hub is a repository of variety of on-demand, off-the-shelf, classified, and synthetic data – accessible in any format -- including text, image, and video.

Most of our customers leverage AI-Data-Hub data for building AI products and services, data labelling, sourcing synthetic data, NLP, business intelligence, data aggregation, brand protection, and more.

### Key Benefits

- On-demand Curated Data Access from 50+ Industries
- Access To Off-the-Shelf Data Hub
- Access To Pre-classified Or Pre-annotated Data
- Assured Data Quality Using Pre-Built Automation
- Custom & API Based Data Delivery
- Database Integration Readiness
- Model Monitoring Through Human-in-the Loop
- Intuitive Dashboard
- Outcome Based Engagement Model

## ABOUT AIMLEAP



AIMLEAP is an ISO 9001:2015 and ISO/IEC 27001:2013 certified global technology consulting and service provider offering AI-augmented Data Solutions, Data Engineering, Automation, IT Services, and Digital Marketing services. AIMLEAP has been recognized as 'The Great Place to Work®'.

With a focus on AI and automation, we built quite a few AI & ML solutions, AI-driven web scraping solutions, AI-data Labelling, AI-Data-Hub, and Self-serving BI solutions. We started in 2012 and successfully delivered projects in IT & digital transformation, automation-driven data solutions, and digital marketing for more than 750 fast-growing companies in the USA, Europe, New Zealand, Australia, Canada; and more.

- An ISO 9001:2015 and ISO/IEC 27001:2013 certified
- Served 750+ customers
- 11+ Years of industry experience
- 98% Client retention
- Great Place to Work® Certified
- Global delivery centers in the USA, Canada, India & Australia



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