



Empowering Aerospace & Defense Operations with AI-Data-Hub

For a Leading Aerospace & Defense Firm in US



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BACKGROUND

- Lack of flexibility to handle different data types effectively, making it challenging to integrate and analyze disparate data sources.
- Differences in data formats, protocols, and compatibility issues made it difficult to integrate legacy systems.
- Lack of robust security measures and the ability to enforce stringent access controls, putting sensitive data at risk.
- Absence of capabilities to leverage advanced analytics techniques, machine learning, and artificial intelligence (AI) algorithms effectively.

APPROACH TO SOLUTION

- Enforced data governance, audit trails, and access controls for data security and industry standard compliance.
- Provided a centralized data hub for collaborative projects, insights sharing, and leverage collective knowledge for improved decisions.
- Gained easy access to historical data, performed advanced simulations, and identified trends in product development innovation.
- Offered predictive analytics for maintenance planning, supply chain optimization, and operational decisions.

OUTCOME

- **15%** improvement in supply chain efficiency
- **25%** decrease in equipment downtime
- **Improved resource** utilization across departments



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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