Semi-Automated Image Data Processing & Process Streamlining

Case Study: Consumer Goods

AiMLEAP

AIMLEAP

Semi-Automated Image Data Processing & Process Streamlining

BACKGROUND ⌄

An AI solution focussed start-up company based out of UK wanted to develop an employee management application which includes:

- Customer wanted 250 million specious images to be mined. Customer had a list of 2.5 Million species scientific and generic names.
- Customer was particular to collect 2.5 million species all in 10 HD (High Definition) images and sources suggested were
- Flickr/Instagram/Google.
- Customer was looking for an optimized solution for image data collection and streamline the end-to-end process for the AI solution.
- Also, start-up was looking for a cost-effective solution which can further periodically add to the AI system.

Highlight ⌄

90%
cost saving

95%
Above 95% quality assured

250 million images
Quick Turn Around – delivered 250 million images in 60 business days

Process automation saved substantial cost and increased efficiency of periodical image data processing

APPROACH TO SOLUTION ⌄

AIMLEAP Team automated the image sourcing process by building

- A custom set of web crawlers built including paid Google API to mine image data. The crawler that was able to mine required image data with minimal manual intervention
- Team performed semi-automated image data validation and ensured that images are of expected quality
- Also, an automated process established to feed the final set of qualified images to push to customer database on a regular interval

AI & Automation Practice

As part of AIMLEAP automation business unit, practice provides advanced data collection, artificial intelligence and automation capabilities that help clients create highly personalized digital products and services. Our AI-augmented & automation capabilities offer insights from data to informed decision-making, improve operations efficiencies and reduce costs. We leverage pre-built and custom developed automation algorithms to help our clients optimize their business, identify new growth opportunities, and outperform the competition. To learn more, visit us at www.aimleap.com

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

AIMLEAP

🌐 www.aimleap.com   ✉ sales@aimleap.com

USA
80 Broad St, 5th Floor
PMB#1148, Manhattan, New York
+1-30235 14656

CANADA
7030 Woodbine Avenue,
Markham, L3R 6G2, Ontario, Canada
+1 437 8370063

INDIA
Manyata Embassy Tech Park,
Ground Floor, Beech, E-1,
Bangalore, Karnataka
+91-8105 271 615

AUSTRALIA
21 Hammerwood Avenue
Derrimut, 3030 Vic, Australia
+61 402 576 615