Semi-Automated Image Data Processing & Process Streamlining

Case Study: Consumer Goods

BigData

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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

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AI & Automation Practice ⌄

As part of AIMLEAP Business, AIMLEAP outsource big data practice provides advanced data collection and management expertise, as well as Robotic Process Automation (RPA) capabilities that help clients create highly personalized digital experiences, products and services. Our RPA solutions help customers with insights from data for decision-making, improve operations efficiencies and reduce costs. To learn more, visit us www.outsourcebigdata.com

About AIMLEAP ⌄

AIMLEAP - is an ISO 9001:2015 and ISO/IEC 27001:2013 certified global technology consulting and service provider serving small, medium, and enterprise companies helping them to grow with agility to achieve competitive advantage. Our key service offerings include end-to-end IT services, advanced analytics, robotic process automation, web scraping, digital marketing, and BI solutions.

AIMLEAP started its operations in 2012 and successfully delivered digital IT transformation, and data solution projects for more than 550 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
-12+ 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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