



Study Cases



Virtual Drive: Document Manager

The Requirement

- Searches the content of client's documents.
- Improvement of user experience, reducing the time spent searching their scans.
- High availability of the solution.

Why Virtual Drive?

- Virtual Drive was implemented in order to offer a high added value service to clients.

Achieved Results

- Virtual Drive centralizes, contains and offers indexation and search services to each application of its clients.
- The clients execute searches on metadata and/or the content of scanned documents.
- The clients define their own types of documents, metadata and filters.



Planned Benefits

All related to strategic pricing and offers:

- Have a positioning price indicator for online sales.
- Calculate the price indicator by product ID and added tiered.
- Analyze the evolution of the indicator in variable time periods.
- Receive alerts by drastic changes in the indicator.

Search, process and analysis of high-volume data in real time with the Mototech Group Big Data platform.

The Business

Walmart Inc is the world's largest company by revenue – approximately US\$480 billion according to the Fortune Global 500 list in 2016 – as well as the largest private employer in the world with 2.3 million employees. They are an American multinational retail corporation operating a chain of hypermarkets, discount department stores, and grocery stores. As of January 31, 2017, Walmart has 11,695 stores and clubs in 28 countries, operating under 63 different names. It is also the largest grocery retailer in the U.S. In 2016.

The Problem

Online retail outlets are increasingly vital sources of revenue, thus opening new growth options and strategies. Walmart is certainly not the only competitor in the race, so necessity drives the requirements to develop ongoing strategies and tools to take advantage of their clear long-term growth goals.

The new Internet ecosystem has raised new actors and processes, with the inability of traditional tools to cover the new spectrum needs.

With its core business being retail, which matures through different formats depending on the target audience. In the process of assimilating the increasingly dizzying market dynamics Walmart internally raises different analysis tools and solutions that allow the sustained growth of the company.

The Solution

Mototech Group's Big Data platform was created for building extraction, processing and data analysis applications that allowed solve the posed challenge.

By periodically extracting data points from the online sales of Walmart and its competitors, it's possible to develop tools for comparing prices and products enabling dynamic decisions and implement actions in new and highly compressed time windows that are presented.

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