



ANNUAL REPORT PARSING

Background

This client is a diversified financial services provider, offering charge, credit and payment card products, travel-related services to retail and corporate customers. It also provides card processing, point-of-sale, settlement and marketing services to merchants globally. We were engaged as a strategic partner to minimize the time to parse Annual Reports through Machine Learning Capabilities. The Bank's equity analysts used to spend lots of time looking up information from hundreds of pages of annual reports. They needed to digest large volumes of information from annual reports. This work is usually required quarterly and annually. They wanted to focus on more valuable work than repetitive work done by human hands.

Challenge

- Large volumes of unstructured and scattered data sources
- Strict and fixed time intervals for data extraction
- Repetitive processes in abundance

Solution

- Report Parsing Tool – focused on extracting data from different annual reports and generates standardized output
- Detailed commentary on significant company performance aspects

Results

- **Cost Reduction** – Efficient analysis and generation of reports saves on costs and time by 60-70%
- **Increased Productivity** – Progressive performance based on full time contextual understanding and freed resources
- **Enhanced Data Capture** – Extracts and processes corresponding financial numbers accurately eliminating manual data retrieval process altogether
- **Minimal Errors** – Reduced errors and omissions of up to 100%

A reliable solution for high-quality Annual Report Parsing.

Client

Large bank in Sweden

Country / Region

Scandinavian Region

Industry

Equity Research Team/
Credit Analyst

Software / Technology

.net
Machine Learning
Robotics
Natural Language Processing



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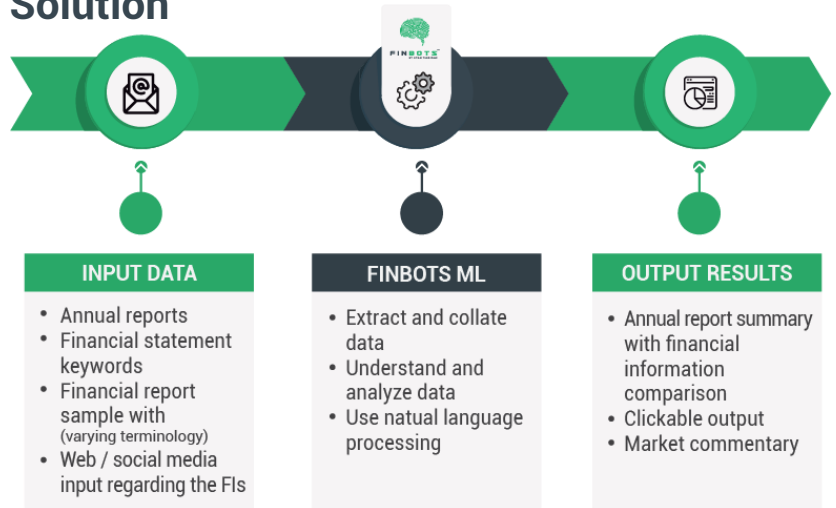
Captures the key reporting lines and extracts the corresponding financial numbers from the report.

Quick Commentary
Extracts data from different types of annual reports and generates summary reports along with a quick commentary on significant moves in performance.

Enhance Productivity
It can help firms to enhance productivity and to reduce costs by quickly analysing and making reports based on contextual understanding of document.



Solution



Data Extraction

Variable	Current	Historic	Quarter	Unit	Currency
Sales revenue	5231.000	3617.223		Billion	JPY
Cost of sales	(2736)	(2789.6)		Billion	JPY
Selling, general and admin	(380.3)	(497.167)		Billion	JPY
Research and development	(176.2)	(167.371)		Billion	JPY
Total operating costs and ...	(3293)	(3454.1)		Billion	JPY
Operating profit	207.685	163.079		Billion	JPY
Share of profit of investme...	49.129	45.097		Billion	JPY

Natural Language Commentary

*In 2016Q3 Operating profit is increased by 44,606 BJPY, up by 27.35% compared to 2015Q3 value 163,079 BJPY

*In 2016Q3 Profit for the period is increased by 47,357 BJPY, up by 34.04% compared to 2015Q3 value 139,121 BJPY

*In 2016Q3 Basic and diluted is increased by 24.76 JPY compared to 2015Q3 value 68.91 JPY

About FINBOTS

FINBOTS is a Singapore-based Intelligent Automation firm focusing on Finance, Risk and Operations area. We offer consultancy services on how you can re-imagine the process and use data effectively through Intelligent Automation, Data Science and Machine Learning. We take pride in our integrated approach to intelligent automation. FINBOTS is a part of STRAITSBRIDGE ADVISORS PTE. LTD., Singapore.

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