AI Technologies and Solutions
To analyze financial and sustainability corporate behaviors with transparency and trust

FUJITSU

Fujitsu leverages various business-specific AI technologies, including generative AI, action recognition AI, and demand forecasting, to support the creation of new services and businesses that improve daily convenience and enhance people's abilities and knowledge.

A platform that provides Advanced AI tools for financial and sustainability analysis, including simplification of CSRD reporting for companies, while measuring the impact of sustainability decisions on business growth.

Enhance corporate financial and ESG analysis through transparent and reliable analysis of corporate behavior

In recent years, financial fraudulent activities such as money laundering and fraud have become increasingly complex. Simultaneously, financial regulations by government agencies and international organizations have also become stricter. Companies are spending a significant amount of time to address both these complex financial fraudulent activities and the tightened financial regulations.

Increasing complexity of fraud

Regulatory Pressure

**Decrease in operational efficiency**

Loss from misconduct

To solve this challenge, Fujitsu's solution utilizes cutting-edge AI and machine learning (ML) technologies. This not only detects and prevents fraudulent activities but also enables organizations to use AI models in an ethical, transparent, and trustworthy manner. Specifically, the decision-making processes of AI models become visible and explainable. This solution provides explainable AI-driven insights, such as indicators of fraud risk and implications for Environmental, Social, and Governance (ESG) evaluations. Through this, Fujitsu supports sustained trustworthiness in the business of companies that implement the solution.

This solution provides two features based on Sentinel AI.

Sentinel AI

It is an advanced feature that transparently and reliably analyzes a company's financial and sustainability actions and clearly and in detail explains the results of AI decisions.
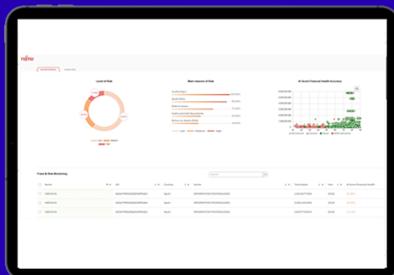
ESG Auto-Tagger

It can accurate auto-tag ESG data using Fujitsu's highly generated AI.

In accordance with ESRS (*1), ISSB (*2) and GRI (*3) standards, we identify critical information on environmental impact, social responsibility and governance to ensure reliable and comprehensive data analysis.

（*1）European Sustainability Reporting Standards
（*2）International Sustainability Standards Board
（*3）Global Reporting Initiative

Features

Sentinel AI

Financial Health Prediction Model
Quick way to see where to best invest

Advance Explainability model
Building Responsible AI for the future
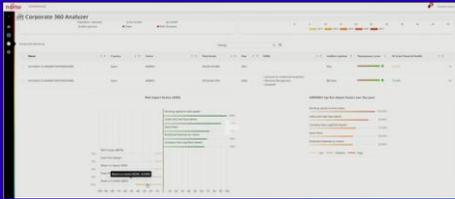
Advance Scoring
Transparency Score

Auditable AI
No more black box

Anomaly detection
Alert system that shows financial health impact, the market average and over the years

Advance Analytics Capabilities
Analyze key metrics over the years

ESG Auto-Tagger

Auto-tagging

ESG Co-pilot assistants

Dashboard

References

Degree of fullfilment

Justification fullfiments
(Explainable generative AI)

Key Benefits

Focus on explainability

Ensure transparency and comprehensibility of decision-making processes using explainable AI (XAI).

Responding to international regulations

Compliance with regulations such as ESRS (Europe) and ISSB (International).

Differentiated ESG Analysis

Improve transparency and accountability with innovative features such as automated ESG reporting, which has unique elements that give it an edge in ESG analysis.

Integrates financial analysis and ESG

Leverage XBRL technology to seamlessly integrate financial analysis and ESG considerations.

Use Case

Company scoring (Rating agency)

Challenge

- *The leading Data aggregators on financial and business information in Spain and Europe availables different data sources: financial information of companies in the census (annual reports), publications in BORME, auditor´s reports, lawsuits and defaults...*
- *The data aggregators needs to generate a "reliable financial health score" based on advanced AI technologies which can be self-explainable*

Solution

- *Develop eXplainability technologies (XAI) for a cutting-edge financial health score, so that we could provide transparent explanations of AI predictions and enhance its interpretability, ensuring that recommendations and predictions are understandable.*

Results

- *We promote the use of a transparent and reliable AI as a supervision tool that facilitates the identification of key features of business health, such as corporate strength and risky financial practices, shedding light on possible problems in the solvency, profitability or liquidity of companies.*
- *All this through easily interpretable results from an eXplainable Artificial Intelligence (XAI), which can provide clear explanations about the financial health score and enable the development of new lead recommendations to an enhancement of business health, providing detailed explanations of why specific actions are suggested.*

Contact

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