AI Technologies and Solutions

From data in your documents to insights for your business decisions

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.

By leveraging generative AI and large language models (LLM), we provide solutions that support our customers' data-driven decision-making. We automate the extraction of information from text data, images, and audio data, which were previously inefficient due to manual processes, thereby accelerating our customers' digital transformation (DX).

Efficient extraction of information from documents enables shift to higher value-added tasks

Manual value extraction
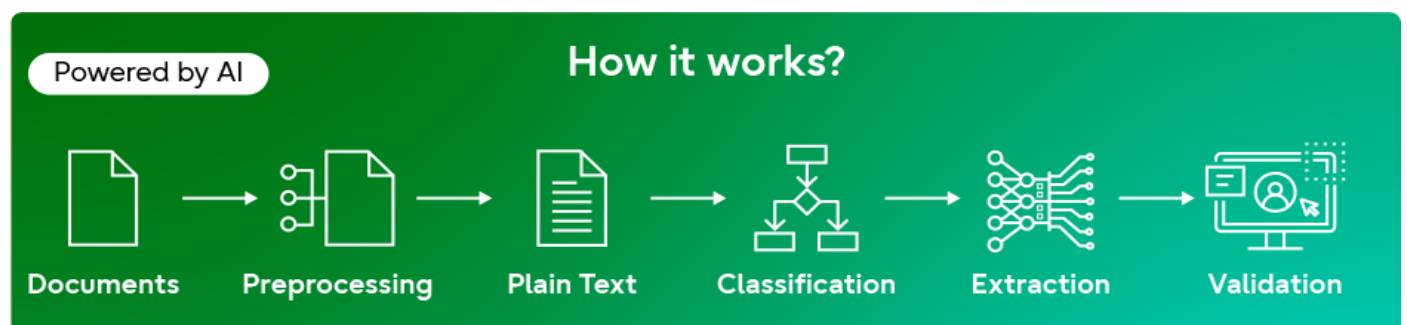
Repetitive error-prone tasks

Use of high-knowledge workers

Slow and poor decisions

Large Language Models (LLM) enable you to efficiently perform tasks that previously required human intervention, such as reading, analyzing, and making decisions based on documents.

Powered by AI — How it works?

Documents → Preprocessing → Plain Text → Classification → Extraction → Validation

Features

Descriptive Capabilities
◆ Automatic language detection
◆ Automatic layout detection
◆ Relationships between entities
◆ Automatic translation

Generative Capabilities
◆ Report generation
◆ Summary generation
◆ Clear Language Translation

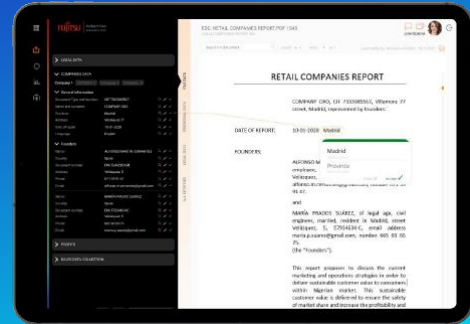| AI Agent |
| --- |
| ◆ Specialized agents |

Examples

Clinical Coder
Automatically assign accurate medical codes from clinical text
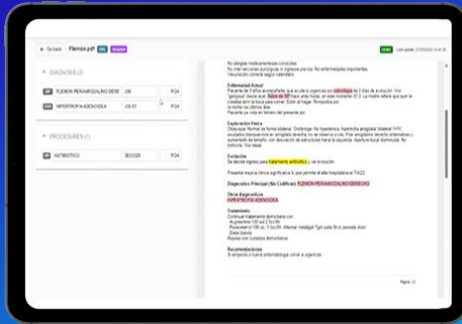
for Legal Document
Automatically identify different layouts and understand and classify all relevant information present in a document

Use Case

Intelligent Due Diligence Analysis

Challenge

- *The leading Data aggregators on financial and business information in Spain and Europe available 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

- *The solution improved the efficiency in the analysis of real estate contracts during Due Diligence processes.*
- *This was possible thanks to the automatic recognition of relevant entities and the identification and classification of main clauses. Validation process through a single user interface empowered layers to validate and correct the output of the automated process.*
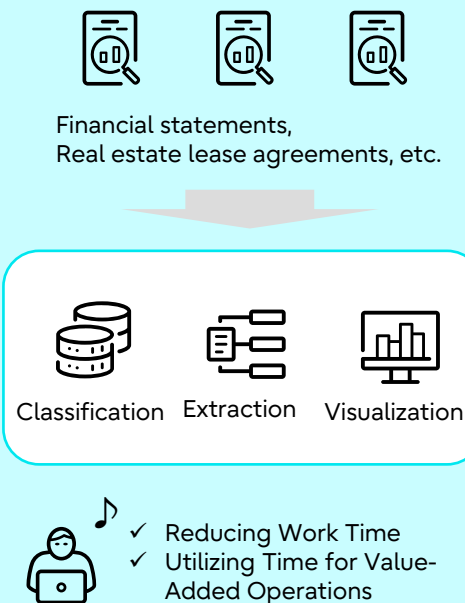
Results

- *It provides 80% effectiveness in clauses identification and entity recognition.*
- *It improves efficiency in document classification and analysis, leading to a substantial time reduction.*
- *It provides automation in contract clauses identification resulted in time reduction that enable lawyer to have time to more value-added tasks.*

Before

Financial statements,
Real estate lease agreements, etc.

✓ Time loss
✓ Quality degradation

After

Financial statements,
Real estate lease agreements, etc.

Classification   Extraction   Visualization

✓ Reducing Work Time
✓ Utilizing Time for Value-Added Operations

Contact

Fujitsu Limited
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Contact Form