Automate & Simplify the Data Extraction Process *with* Relevance Lab

Do you want to automate the CMS-1500 claim form processing? Is data processing still time-consuming?

SPECTRA, an AI-driven platform by Relevance Lab, combines the speed and scalability of automation with the natural intelligence and judgment of a human reviewer.

Use Case: Renowned Healthcare Major

Challenges

• Large forms with non-standardized handwritten data entries.
• Traditional data processing methods have low accuracy.
• A manual process (in-house or outsourced) is expensive, time-consuming, and error-prone.
• The manual review focuses on incomplete, inconsistent, incorrect, or illegible data.

Solution

Relevance Lab's Intelligent analytics platform SPECTRA:

• Automated extraction of data using Artificial Intelligence (AI) and Machine Learning (ML)-based Optical Character Recognition (OCR) techniques.
• Provided intelligent processing of fields and validation against master data.
• Converted to a searchable pdf form.
• Provided iterative self-learning algorithm that improves with every validation cycle.
• Enabled user management and role-based access.

✓ Benefits

- Reduction of CMS-1500 claim processing time by over 90% with near 100% accuracy.

- Automatic update of downstream systems with validated data.

- Improvement in data extraction accuracy over time.

- Intelligent dashboard to track the workflow progress.

About Relevance Lab

Having realized millions in business benefits for global organizations, Relevance Lab offers deep analytics prowess to extract the maximum from the silos of data in your company. Our Agile Analytics engagement model combined with Big Data and Machine Learning-based platform SPECTRA will deliver results at a fraction of time compared to traditional methods.

Why work with us

- Relevance Lab is supported by a team of certified professionals with experience in delivering seamless technology solutions.

- Proven record of a high degree of efficiency gains and cost savings.

- Our client base includes large life sciences companies, retail enterprises, insurance & financial institutions, media and entertainment companies, blockchain/crypto companies, start-ups, and ISV's.

To know more about automating the data extraction process, contact us at:

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