RELTIO®

Unparalleled data team productivity with secure, genAI-powered innovation

Generative AI (gen AI), large language models (LLM), and machine learning (ML) technologies extend far beyond mere technological advancements—they embody transformative tools for business innovation and growth. By applying these technologies, businesses can unlock new levels of efficiency, personalization, and decision-making capabilities.

At Reltio, we're committed to empowering you with actionable insights and compliant, streamlined data operations. Our focus is on transforming fragmented data landscapes into trusted, secure, interoperable data, enabling you to make more informed decisions, boost operational efficiency, and respond to market changes with agility.

The Reltio Connected Data Platform is designed to meet your needs by enhancing data accuracy and simplifying the user experience—so you can leverage the full potential of your data to drive growth and innovation. Our platform harnesses the power of LLMs and gen AI to strengthen data unification and enhance the user experience—increasing the accuracy of match predictions and data steward productivity.

Rule-free, security-first entity resolution using LLMs

Matching and merging data from multiple data sources is often a highly manual, cumbersome process. Let's say that data stewards could manually research and match 100 records in a day. But what if they could do 10X that number or more with improved accuracy?
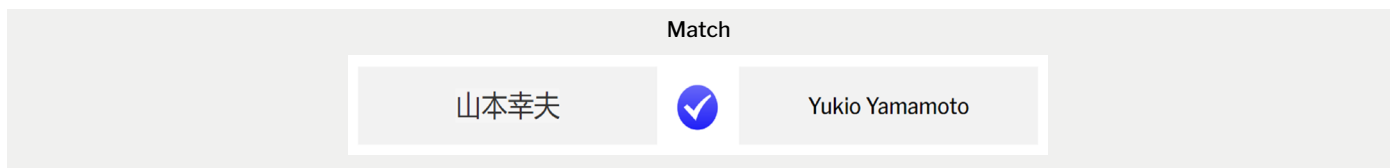
Our patent-pending, secure, LLM-powered Flexible Entity Resolution Networks (FERN):

- Offers a private, pretrained deep learning model based on Flan-T5 XL LLM

- Automatically suggests matches out of the box—no need to set up match rules

- Provides utmost security as your data is only accessed by you and is never shared with the public

- Works alongside match rules already deployed so you don't lose what you have

- Incorporates zero-shot learning to provide accurate match recommendations even for unseen data classes—without extensive manual data labeling efforts

- Identifies new types of matches—ones that rule-based approaches cannot find—driven by deep semantic understanding of text

- Provides unparalleled global views of trusted data with natural language processing of 60 human languages (including different character sets)

> With no need to define, configure, and iterate match rules, you save hundreds of person-hours and shorten implementation time to value.

Fine-tuned, private deep learning models give you high-quality, high-confidence match recommendations for multiple industries and domains. So you can deliver high-quality data to downstream applications at a fraction of the effort and cost.

FERN enables semantic understanding of data not possible with previous methods

Match

山本幸夫 ✔ Yukio Yamamoto

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Tap into the power of conversational AI to simplify data exploration

Reltio Intelligent Assistant taps into the power of generative AI and natural language technology to simplify data exploration. RIA presents a conversational UI to help you access, segment, and manage your data—increasing data steward productivity, reducing training time, and expanding user adoption. This enables dynamic, richer analysis and broader insights, as your users can ask questions in various ways.

RIA also boosts data steward productivity with easy data exploration and digital content search via a conversational assistant. With RIA, you can create visualizations or define granular, dynamically updated segments. Just ask RIA a question, and instantly get an answer directly or a link to more detailed information.

With Reltio Intelligent Assistant as a 24/7 resource, data teams can focus on handling critical data issues to improve data accuracy and drive the curation of high-quality, trusted, interoperable data. And, data stewards can easily create segments or visualizations from this curated data, leaving more time for analysis and insights.

Ask RIA: "Show me customers with contracts expiring in 90 days"

RIA returns the list of customers including several data columns

Ask RIA: "Which of these customers have a health score lower than 50?"

RIA returns the list of customers including several data columns

ML-powered anomaly detection

Our ML-driven automation for continuous inspection and detection of data anomalies improves data quality as it increases data steward productivity. It continuously identifies and flags unusual patterns for prompt review—and correction, if needed. It highlights drifts and deviations for completeness and uniqueness. The anomalies are shown on a time series with intuitive charts. These real-time, rich, and actionable insights enable drill-down for quick remediation. That means it's easier, faster, and less expensive to deliver high-quality data to your downstream systems and applications.

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