Data Management Services
Data Matching
Unlock the value of clean, reliable data

In today's data-driven world, the ability to manage, analyse and leverage data is crucial for business success. LSEG's Data Management Services provide a range of solutions enabling customers to support their own data management activities. Applications available make it easy to integrate and enrich insights, and reduce the cost and effort to manage proprietary and third-party data.

As data goes through multiple stages of transformation – from ingestion to integration – our Data Management Services help solve our customers' pain points through the data lifecycle. By reducing the cost, time and effort associated with data management activities including matching and stitching data across different datasets, as well as mastering entities, we enable customers to better leverage data to uncover hidden insights, streamline operations and make informed decisions which drive growth and innovation. And of course, this means customers can better manage risk surfaced though integration of new content, and build data security, privacy and controls around data leakage.

Delivered through our Customer Consulting team, an experienced group of consultants and project managers, we are on hand to maximise the value of the data available. Acting as an extension to our sales teams, we build solutions in line with needs as well as perform time-consuming tasks. And by further unlocking the power of seamless workflow integration and reducing implementation timelines and costs, customers can streamline the journey from subscription to adoption of data, ensuring effortless efficiency every step of the way.

Data Matching capabilities

Effective matching can boost productivity, optimise operational efficiency, support the maintenance of clean, reliable data and avoid the negative consequences of duplicate or inaccurate information. This is valuable to those on the buy-side, sell-side, investment management, and roles including CDO, Data Manager, Data Scientist, Application Owner or Data Engineer.

Concordance
As part of data management workflows, match the universe of entities or securities to the corresponding PermID and support interoperability across a range of LSEG products.

Data quality improvement
By identifying and eliminating duplicate records, data matching improves data quality. Clean and accurate data is crucial for making informed decisions and preventing errors in business operations.

Applications
Data matching is used in various applications, including customer data integration (CDI), master data management (MDM), fraud detection and identity resolution.

Duplicate identification
Data matching algorithms compare data records based on specified criteria, such as names, addresses, or unique identifiers. When similar or identical records are found, they are flagged as potential duplicates.

Record linkage
Data matching not only identifies duplicates but also links related records. For example, it can link customer records from different databases, helping organisations gain a more comprehensive view of their customers.

Fuzzy matching
In addition to exact matching, data matching algorithms often use fuzzy matching techniques to identify records that are similar but not identical. This is particularly useful when dealing with variations in data, such as misspellings or abbreviations.

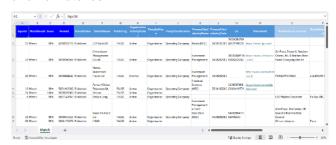**LSEG** DATA & ANALYTICS

How Data Matching works

Inefficient matching processes can result in challenges or delays in assessing coverage, consolidating data or being able to conduct subsequent mapping or minting activities. This can affect those who want to compare and identify representations of the same real-world entity within or across datasets.

The upload of a bulk file of entities, will result in a range of matches, possible matches and no-matches. The service supports matching based on textual attributes e.g. name/address and market identifiers including LEI, ISIN, SEDOL and RIC. Initially, it will enable matching to organisations and will expand to other entity types such as instruments and people. Data matching is provided via an a-synchronous API through LSEG's API Hub. In time, Matching will also be part of our broader Data Management Services alongside self-service access.

From: A user submits a list of entities with key attributes for matching

To: A user obtains results for matches, undetermined and no matches

Benefits of our Customer Consulting team

Global expertise

With years of industry experience, our team consists of over 400 experts in more than 30 locations with unique skillset and tools to support your needs.

Lower cost of ownership

Reduce your costs and administrative burden, so that your teams can focus on more strategic projects. We work closely with firms to understand their unique challenges and objectives and ensure that our services are always aligned with a business' needs.

Customer-centric solutions

We understand that every business is different which is why we offer customised solutions to individual organisations that align with customer goals and niche industry requirements or challenges.

Ask your Account Manager for further information and details.

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