Refined Information

BABEL STREET DATA

Customers need to leverage data to solve problems and get to timely decisions — but the analysis process can be complex and time-consuming. For organizations looking to rapidly operationalize insights, Babel Street Data Refined Information products bring you closer to making your decisions so you can quickly and efficiently focus on the right course of action.

Refined Information Shortens Decision Cycles

Refined Information products are built on the strength of our raw data collections — evolved to bring you additional value and insight.

For a Refined Information set, our raw data is collected across many different industry sources. It's then cleansed, normalized, and enriched to help you meet your specific challenges with data that's readily digestible and easier to interpret.

Refined Information Products

Babel Street collects, curates, and combines millions of data points from thousands of public websites and provides data products in the following industries and categories:

- Retail Pricing and Discounting
- Telecommunications
- Semiconductors
- Self-storage

- Real Estate
- Locational White Space
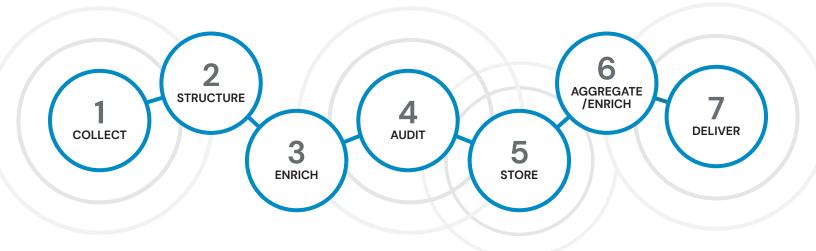- Flights
- **And more**

Raw Data Collections

- Multiple sources to collect
- Tens of thousands of files to ingest
- Large file sizes >100GB
- Trillions of rows to analyze
- Time consuming preparation and analysis

↓ TO ↓

Refined Data Products

- Single data output
- Single file
- Small file size <10MB
- Prepared rows <100K
- Quick and easy analysis

1 COLLECT

2 STRUCTURE

3 ENRICH

4 AUDIT

5 STORE

6 AGGREGATE /ENRICH

7 DELIVER

Our Refined Information Product Development Process

Collect: Leveraging our seasoned infrastructure, our highly skilled collections team creates web crawler scripts to collect data from global websites and runs them on a set cadence for optimal results.

Structure: Our collections team develops data schemas to collect key fields and data attributes for comprehensive analysis.

Enrich: To ensure we provide quality data, we often enhance the data to improve accuracy and fill in any missing information.

Audit: We use in-depth QA efforts to ensure the data output meets the highest standards to eliminate the risk of gaps, changes in structure, potential outages, and blocking technologies.

Store: We securely store our data collections and cached data in our platform infrastructure, to meet financial and government compliance and security requirements.

Aggregate: We systematically process and aggregate data across numerous collections to provide standardized, integrated, refined output to address data integrity, data cleansing, and irregularities with full methodology and assumptions disclosed.

Deliver: Customers can receive raw data files in CSV or JSON format directly, or have data integrated into third-party systems such as an Amazon S3 bucket or Snowflake using our API.

Babel Street. Unlock the Most Insights that Matter.

Babel Street is the trusted technology partner for the world's most advanced identity intelligence and risk operations. The Babel Street Insights platform delivers advanced AI and data analytics solutions to close the Risk-Confidence Gap.

Babel Street provides unmatched, analysis-ready data regardless of language, proactive risk identification, 360-degree insights, high-speed automation, and seamless integration into existing systems. We empower government and commercial organizations to transform high-stakes identity and risk operations into a strategic advantage.

Learn more at **babelstreet.com**

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