



## Babel Street Analytics

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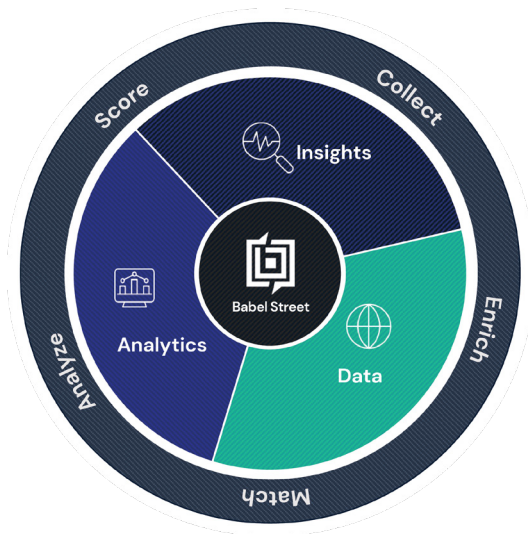
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# Babel Street Analytics

Businesses and governments require increased global awareness and rapid data analysis to detect and mitigate identity risks and threats. But the growing volume of multilingual and unstructured data has outstripped the ability to effectively analyze it — creating a Risk-Confidence Gap.

As part of the Babel Street Ecosystem, Babel Street Analytics integrates artificial intelligence and natural language processing (NLP) into systems to ensure businesses and governments can quickly and accurately close the Risk-Confidence Gap while providing rapid access to insights about people, organizations, and events.



## Products

- **Name Match** — Babel Street Name Match is an AI-powered solution for organizations whose risk and identity operations depend on correctly matching names with high accuracy. It performs cross-script and cross-language name matching with a two-pass method that uses 15+ ways to match names.

Advanced algorithms enable the matching of names in real-time across vast data sets of over 100 million entries, producing scores that indicate the level of confidence in the match. Name Match is highly tunable to each use case and is available as an on-premises or cloud-based system through a RESTful API or integrated with existing search engines and screening systems.

- **Text Analytics** — This set of products enables the analysis of unstructured data to reveal hidden connections and patterns, provide deeper insights, and increase the accuracy of risk assessments. Key functionality includes:
  - **Foundational NLP** — Clean, normalize, and enrich original text in its native language with a complete set of linguistic tools as a prelude to high speed, accurate, multilingual search and advanced NLP tasks. Perform this processing in 40+ languages in native scripts.
  - **Entity extraction, linking, and analysis** — Extract valuable insights from unstructured data to uncover hidden patterns and relationships. Text Analytics leverages AI and other algorithms to deliver entity-centric analysis — correlating multiple mentions of the same entity, linking known entities to knowledge base articles, and distinguishing between similarly named entities.
  - **AI-assisted search refinement** — Make search results more accessible with the ability to drill down by specific people, organizations, and locations; filter by positive/negative sentiment toward an entity; see names in other scripts rendered in English; and highlight key phrases and concepts in a document or search results.

- **Events and relationships** — This specialized form of search refinement returns events that connect the people, places, and times/dates involved. Because events are highly specific to use cases, this functionality comes with a Model Training Suite to train AI models in less than a day.
- **Cross-lingual and semantic phrase search** — Sophisticated semantic capabilities across multiple languages consider context when returning search results. Rapidly process large volumes of content by narrowing search results based on word meaning and related concepts, revealing important concepts even when specific terms are not mentioned.

### Use Cases

For Commercial	For Government
<ul style="list-style-type: none"> <li>• Anti-money laundering (AML)</li> <li>• Sanctions and watchlist screening</li> <li>• Know your customer (KYC)</li> <li>• Fraud detection and prevention</li> <li>• Adverse media monitoring</li> <li>• Healthcare patient records</li> <li>• Business intelligence and market research</li> <li>• Content management, recommendation, and personalization</li> <li>• Multilingual customer support</li> <li>• Sentiment analysis and opinion mining</li> <li>• Voice of the customer analysis</li> <li>• eDiscovery</li> <li>• Predictive analytics</li> </ul>	<ul style="list-style-type: none"> <li>• Law enforcement</li> <li>• Investigations</li> <li>• Crime patterns</li> <li>• Threat detection</li> <li>• Border security</li> <li>• Counter terrorism</li> <li>• Watchlist screening</li> <li>• Passport screening</li> <li>• Information retrieval</li> <li>• Intelligence gathering</li> <li>• Document exploitation (DOMEX)</li> <li>• Open source intelligence (OSINT)</li> <li>• Risk assessment</li> <li>• Predictive analytics</li> </ul>

Babel Street Analytics — Let us help you gain decision advantage.

### Why Customers Choose Babel Street Analytics

- Unparalleled name matching that measurably reduces false positive results
- Multilingual NLP for identifying languages and processing unstructured text
- Explainable, specialized, and rapidly-trainable AI for extracting entities and events, and forming relationships
- Flexible and scalable implementation via APIs



### 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](https://babelstreet.com)