

# Babel Street Analytics Delivers State-of-the-Art Name Matching Technology

Explainable AI • Proven Results • Single API

## Benefits

- Lightweight post-processing to identify false positives in output of existing solution
- Cuts cases requiring manual review up to 75%
- Intelligently matches record fields: name, organization, address, DOB, and more
- Supports high-volume, high-velocity environments
- Reduces customer frustration due to needless rejection or delay
- Customizable match behavior to fit your data profile and risk policy
- Explainable AI satisfies regulatory requirements

## Babel Street Match understands over 15 ways names vary

Phonetic similarity <u>Kailey</u> ↔ <u>Caylee</u> ↔ <u>Kaylie</u>	Truncated name components <u>Blankenship</u> ↔ <u>Blankensh</u>	Name split inconsistently across database fields <u>Rip · Van Winkle</u> ↔ <u>Rip Van · Winkle</u>
Transliteration spelling differences <u>Abdul Rasheed</u> ↔ <u>Abd al-Rashid</u>	Gender <u>Jon Smith</u> ↔ <u>John Smith</u> (but not <u>Joan Smith</u> )	Same name in multiple languages <u>Meo Zedong</u> ↔ <u>Мао Цзэдун</u> ↔ <u>毛泽东</u> ↔ <u>毛澤東</u>
Nicknames <u>William</u> ↔ <u>Will</u> ↔ <u>Bill</u> ↔ <u>Billy</u>	Missing name components <u>Phillip Charles Carr</u> ↔ <u>Phillip Carr</u>	Semantically similar names <u>PennyLuck Pharmaceuticals, Inc.</u> ↔ <u>PennyLuck Drugs, Co.</u>
Missing spaces or hyphens <u>MaryEllen</u> ↔ <u>Mary Ellen</u> ↔ <u>Mary-Ellen</u>	Out-of-order name components <u>Diaz, Carlos Alfonzo</u> ↔ <u>Carlos Alfonzo Diaz</u>	Semantically similar names across languages <u>San'in Telegraph and Telephone Corporation</u> ↔ <u>山陰電信電話株式会社</u>
Titles and honorifics <u>Dr.</u> ↔ <u>Mr.</u> ↔ <u>Ph.D.</u>	Initials <u>J. E. Smith</u> ↔ <u>James Earl Smith</u>	Organizational aliases <u>Boston Brewing Company</u> ↔ <u>BeantownBeer</u>

IDENTITY VERIFICATION

More than 20 supported languages:

- Arabic • Chinese • English
- French • German • Greek
- Hebrew • Hungarian • Italian
- Japanese • Korean • Pashto
- Persian • Portuguese
- Russian • Spanish • Thai
- Turkish • Urdu • Vietnamese
- ...and more

## Augment and maximize the value of existing screening solutions



AML SCREENING



- RESTful API
- Cloud or on-premises deployment
- JSON output

Scan for more information



## Babel Street Match eliminates transaction rejection rates when there isn't an exact match

R Hawkinberry	Mlle. Becca Hockenbury	Rebecca H
Rebecca C Haukenbury	Hockenbury, Becky	Hockenbury R
Mme. Rebecca Hockenbury	R Hawkenberry	Mme. Hawkinbury Rebecca

PAYMENT TRANSACTION

