





What are Match Indicators?

GOST leverages advanced large language models and machine learning to identify sentiment, detect entities, and handle entity resolution all within unstructured text. In an effort to showcase the power of GOST, our team developed “Match Indicators” to show the user what fields GOST identified within each result that match to the user’s input. These indicators go beyond conventional string matching and instead use the latest in machine learning to identify matching and contextually relevant fields.

 **Former UK student charged in \$25M fraud bought private jet, hou...**   

<http://news.yahoo.com>

Former UK student charged in \$25M **fraud** bought private jet, house, Mercedes Benz, feds say A one-time University of Kentucky student stole more than \$25 million from a technology company and used the money to buy a jet, a luxury sports box and expensive cars and watches, a federal grand jury has charged. The grand jury indicted **Christopher Kirchner**, 35, last week on five charges of wire **fraud** and eight charges of **money laundering**. **Kirchner**, of **Westlake**, Texas, was initially charged ...
[...read more...](#)

Match Indicators	
FEATURE	MATCH
First Name	✓
Last Name	✓
City	✓
State	✓
Age	✓
Article Date	2023-05-27

How They Work

GOST leverages the latest in the field of Named Entity Recognition (NER) to extract entities from unstructured text. GOST then uses this data to predict the probability of the entity in the text being the entity a user is screening. Going several steps beyond the practice of advanced string matching, GOST provides users with fewer false positives and more ac-

For Our API Users

Match Indicators will continue to be available to API users and will appear in the results feed as they appear to the right.

```
"rel_tags": {
  "firstname": true,
  "middlename": null,
  "lastname": true,
  "companyname": null,
  "city": false,
  "state": false,
  "age": null,
  "date": "2021-03-18"
```

API Response Schema

Within the normal API response, there is now a field under

“domain_specific_results”

called *“rel_tags”* that lists out the following fields:

Object	Type	Dimension
rel_tags	dictionary	Set of fields with boolean values indicating match (true), no match (false), or no input field present (null).
firstname	boolean	Indicates if the “First Name” inputted matches the first name of entity present in the result.
middlename	boolean	Indicates if the “Middle Name” inputted matches the first name of entity present in the result.
lastname	boolean	Indicates if the “Last Name” inputted matches the first name of entity present in the result.
companyname	boolean	Indicates if the “Company Name” inputted matches the first name of entity present in the result.
city	boolean	Indicates if the “City” inputted matches the first name of entity present in the result.
state	boolean	Indicates if the “State” inputted matches the first name of entity present in the result.
age	boolean	Indicates if the age of the entity in the search result matches to the age of the entity inputted by the user.
date	string	Date of publication extracted from the search result.