

Természetes és mesterséges nyelvek elemzésével a pénzügyi csalások ellen

Varjú Zoltán - Complytron

A probléma

- KYC: know your customer
- AML: anti-money laundering
- PEP: politically exposed person
- Regulatory data: sanction list, PEP list, etc.

A megoldás



→ search

→ url → person → company

Gergely

middle name

Karácsony

search →

name

↓ date

■ ■ Gergely Karácsony

2021-04-15 10:09:11

↑ collapse

→ risk index **no sanction data**→ PEP list **PEP match**

?

→ PEP list data

Karácsony Gergely Mark as false positive

→ Firstname Gergely

→ Lastname Karácsony

→ Name Karácsony Gergely

→ Place országos lista

→ Position képviselő

→ Url https://www.valasztas.hu/mandatumok?p_p_id=ogymandatumok_WAR_nvinvrportlet&_o_lifecycle=0

→ FromDate 2020-02-19

→ ToDate 2020-02-20

→ Country Hungary

→ firstSeen 2020-02-19

→ lastSeen 2020-02-21

Karácsony Gergely Mark as false positive

→ Firstname Gergely

→ Lastname Karácsony

→ Name Karácsony Gergely

→ Place párbeszéd magyarorszáért

→ Position elnök

→ Url https://hu.wikipedia.org/wiki/P%C3%A1rbesz%C3%A9d_Magyarorsz%C3%A1g%C3%A9rt

→ FromDate 2020-10-07

→ ToDate 2020-10-14

→ Country Hungary

→ firstSeen 2020-10-07

→ lastSeen 2020-10-15

→ search

→ url → person → company

↑ please select the content type you want to search for, and use the search bar to type in names or url's. You can add more items at once, or search on by one and see all sour results later in the search log

name

↓ date



VARGAS GUTIERREZ

2021-04-15 10:08:42

↑ collapse

→ risk index **risky**

→ PEP list **no match**



→ risky because

Roberto VARGAS GUTIERREZ

Mark as false positive

→ country Colombia

→ program SDNTK

→ birthplace Colombia

→ idType Cedula No.

→ idNumber 71981878

→ nationality Colombia

→ list name: ofac-sdn

→ address country: Colombia

→ search

→ url → person → company

Vladimir

middle name

Putin

search →

↑ please select the content type you want to search for, and use the search bar to type in names or url's. You can add more items at once, or search on by one and see all sour results later in the search log

name

↓ date



Vladimir Putin

2021-04-15 10:08:08

↑ collapse

→ risk index [no sanction data](#)

→ PEP list [no match](#)





→ search

[→ url](#) [→ person](#) [→ company](#)

ROSNEFT TRADE LIMITED

search →

↑ please select the content type you want to search for, and use the search bar to type in names or url's. You can add more items at once, or search on by one and see all sour results later in the search log

name

↓ date

■	ROSNEFT TRADE LIMITED	2021-04-15T10:07:48.000Z	↑ collapse
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→ risk index risky

■	ROSNEFT TRADE LIMITED	<input type="checkbox"/> Mark as false positive
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→ country	Cyprus	→ program	UKRAINE-EO13662	→ akas	name: TNK TRADE LIMITED type: strong
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→ list	name: ofac-consolidated	→ comments	Remarks: For more information on directives, please visit the following link:	→ address	address1: Elenion Building 5 Themistokli Dervi address2: 2nd floor city:
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→ firstSeen	2021-01-10T09:52:40.000Z	→ lastSeen	2021-04-15T02:42:48.000Z
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→ search

→ url → person → company

https://www.rosneft.com/

search →

name

↓ date



https://www.rosneft.com

↑ collapse

ROSNEFT TRADING S.A.

→ country Switzerland → program UKRAINE-EO13662 → list name: ofac-sdn

→ comments	<u>Remarks:</u> For more information on directives, please visit the following link:	→ address	<u>address1:</u> Rue Place du Lac 2, 1204 <u>city:</u> Geneva <u>country:</u> Switzerland	→ firstSeen	2021-01-10T09:50:05.000Z
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→ lastSeen 2021-04-15T02:39:03.000Z

OPEN JOINT-STOCK COMPANY ROSNEFT OIL COMPANY

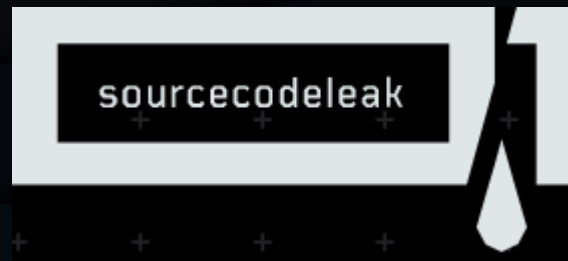
→ country	Russia	→ program	UKRAINE-EO13662	→ akas	<u>name:</u> OJSC ROSNEFT OIL COMPANY <u>type:</u> strong name:
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→ list	<u>name:</u> ofac-consolidated	→ comments	<u>Remarks:</u> For more information on directives, please visit the following link:	→ address	<u>address1:</u> 26/1 Sofiyskaya Embankment <u>city:</u> Moscow <u>country:</u> Russia
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→ firstSeen 2021-01-10T09:52:38.000Z

→ lastSeen 2021-04-15T02:42:45.000Z

A jövő





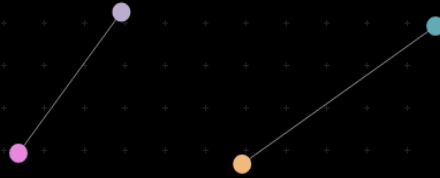
Unsaved query

edit urls

save query



similarity:
10% <



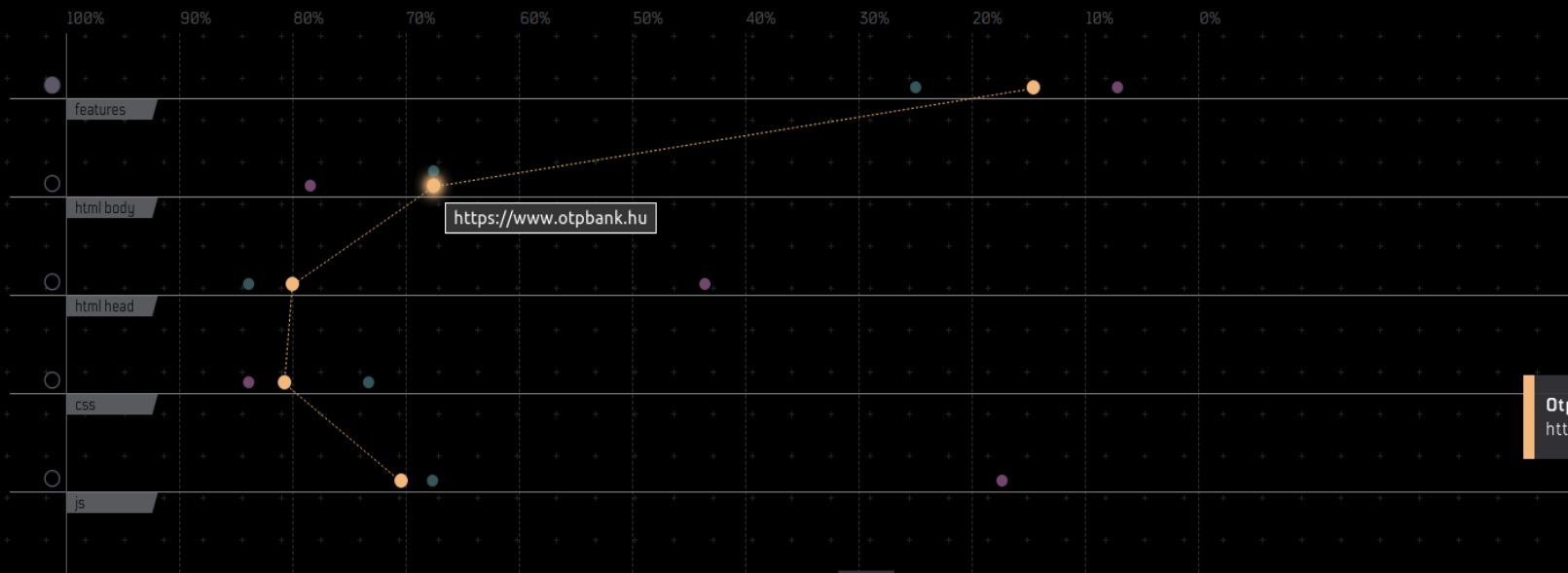
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www.rosneft.com	---	---	91142135116	Russia	Moscow	b-map sIzo style2 colorbox	homepage_map jquery.fileupload web-rn-api watch f VIEW MORE	Yandex.Metrika
www.otpbankhu	---	---	195228112193	Hungary	Budapest	app-analytics custom car-sweepstakes- VIEW MORE	bootstrap orsi fiok-layer.bundle BefjeguafolyamClient VIEW MORE	Google Maps Google Tag Manager Twitter Bootstrap
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www.gazprom.com	---	---	21715113037	Russia	Moscow	new_home_page main-pack print page_career VIEW MORE	main-pack new-homepage-pack investors VIEW MORE	Apache



Unsaved query

edit urls

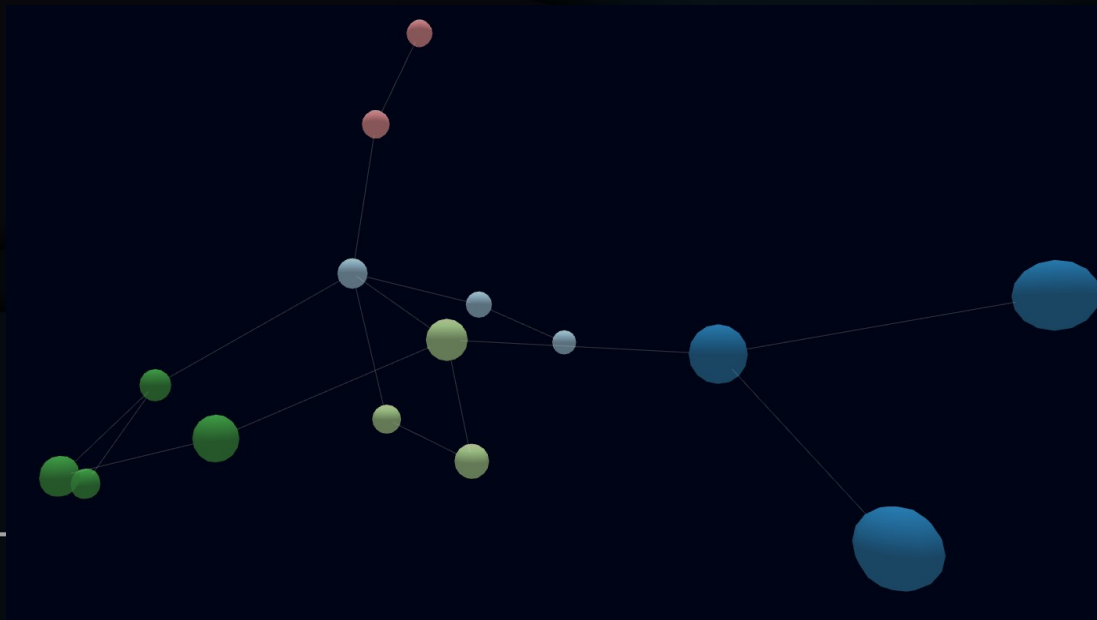
save query

similarity:
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Otpbank.hu
https://www.otpbank.hu

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www.rosneft.com	---	---	---	---	---	91142135116	Russia	Moscow	b-map sIzo style2 colorbox	homepage_map jquery.fileupload web-rr-api watch f VIEW MORE	Yandex.Metrika
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A jövő Knowledge Graph





Left-click: rotate, Mouse-wheel/middle-click: zoom, Right-click: pan

<https://complytron.com/>

zoltan.varju@complytron.com

<https://www.meetup.com/Budapest-RegTech-Meetup-Group/>

<https://www.meetup.com/Hungarian-nlp/>

Köszönöm a figyelmet!

