

IntuView

Name Analysis and Name Matching

Established in 2006 IntuView has field-proven AI technology.

The IntuView technology is patented in the US and Israel as an automated method to imitate processes of human reading of texts

IntuView technology serves a wide range of clients in the government, security and commercial sectors.

IntuView has been involved in projects and serves clients in Israel, the Middle East, the US and Europe.

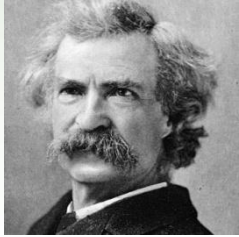
The Name Matching capability has been fielded in Israel, Germany, the US and UK and is in the process of a project in Greece and Malaysia.





- A flow of asylum seekers and movement of population unprecedented since World War II.
- Watchlists contain names with ambiguous spelling and variants of the same name that are not transparent to people from outside their culture. This is due to different spelling conventions in of foreign non-Latin-based names, dialectal differences that affect transcription, and corruption of the names when received through different channels.
- European and international databases (Maris, Interpol) are highly inaccurate and unreliable.
- String matching and phonetic matching of names are unreliable.

Name Matching



“They spell it Vinci and pronounce it Vinchy; foreigners always spell better than they pronounce” - Mark Twain

Jamal= Gamal=Djemal=Dzhamal=Yamal=Cemal=Τζαμάλ

- Dr. Al-Zawahiri = Ayman Rabi' Eddhawahri = Aiman Eddaouahiri = Abu Rabi'a Zuwahiri = = الدكتور أيمن ربيع الظواهري
- Dzokhar Anzarovitch Tsarnayev=Johar Tzarnaev=Djohar Ansarovich Zarnayof = Dschochar Ansorowitsch Zarnajew = Джохар Анзорович Царнаев = Τζοχάρ Τσαρνάεφ
- Xi Jin Ping = Hsi Chin P`ing = شي جين بينغ = Xíjìnpíng = 习近平 = Σι Τζινπίνγκ
- Qassem Suleimani = Ghassem Soleimani = Qasim Suleimani = قاسم سليمانى .





- Examination of 100K names in the Maris database showed:
 - Name parts were incorrectly defined as given names or family names.
 - Naming conventions of the relevant cultures were ignored (patronymics, tribal names).
 - Multi-part names misinterpreted (e.g. the given name “Nour al-Din” as a full name “Nour Al-Din”).
 - Inconsistency in transliteration of the same name (Mohammad/Muhamad/Mouhamid)
 - Incomplete names (lack of components that must exist in the subject’s naming culture – 39%)
 - Gibberish and clearly spurious names (7%)
 - Incompatibility between the ethnicity of the name and the declared ethnicity of the subject (30%)



The Required Output

- To identify the real full name of the person in his original language.
- To create a standardized transliteration of names.
- To validate databases and watchlists for errors, anomalies, duplicates and lacunas.
- To extract implicit information regarding gender, ethnicity, religious or tribal identity etc.
- To match such information with the subject's declared information.
- To identify whether the person or one of his relations already applied for refugee status in the EU, was previously refused asylum or are on a criminal or terrorist watch list.
- To identify in OSINT and Intel on security threats whether the persons requesting entrance or asylum appear and are bona fide.

Name Matching

- IntuView Name Matching performs the following matches:
 - Possible Same Person
 - Possible Sibling Relationship
 - Possible Parent-Offspring Relationship
 - Possible Marital Relationship
 - Clan/Tribal Affiliation
- The Name Matching is based on:
 - Back-transliteration of the Romanized names to the original script.
 - Analysis of the re-constructed original script name and breakdown to components.
 - Analysis of all possible roles of each component.
 - Matching of the variants of each name with the variants of other names in the target list.
 - Matching the name components that may indicate family relationships
 - Application of algorithms based on the naming conventions of the name ethnicity.

Name Matching

← → ↺ 🏠 ⚠ Not Secure 192.168.10.154/intview-test/name-matcher/new 🔍 ☆ 📄 ⬇ 🛑 ⋮

Intuview INTVIEW TEST DASHBOARD 🔍 SEARCH NAME MATCHER ⬆ UPLOAD 👤 TOOLS ⓘ ⋮

Single Name Lists Report History

Select target list

wl_russian2

Type a name to search *

Irina Lavrova
Ivan Lavrov
Sergei Lavrov

☐ Analyse only

Filters:

☒ Match same person
☒ Match Family Relations
☐ Reverse Order

🔍 Go

0 Results Export 5 columns selected

Input	Given name	Slavic patronymic	Family name	Matching results
				<p>possible same person russian patronymic ⓘ</p> <p>Name: Ivan Vladimirovich ID: 7 score: 67 %</p> <p>Name: Ivan Vladimirovich Lavrov ID: 3 score: 100 %</p> <p>possible same person russian family name ⓘ</p> <p>Name: Ivan Lavrov ID: 11 score: 100 %</p> <p>Name: Ivan Vladimirovich Lavrov ID: 3 score: 100 %</p> <p>possible same family ⓘ</p> <p>Name: Irina Lavrova ID: 10 score: 30 %</p> <p>Name: Irina Vladimirovna Lavrova ID: 2 score: 60 %</p> <p>Name: Sergei Lavrov ID: 12 score: 30 %</p> <p>Name: Sergei Vladimirovich Lavrov ID: 4 score: 90 %</p>
Ivan Vladimirovich Lavrov (1)	Ivan	Vladimirovich	Lavrov	

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Intuview Partners and Clients



U.S. Customs and
Border Protection



USSOCOM



Israeli Government and Military Agencies



DS2
DATA SPACE | DATA SHARE



Law firms
in UK, US
Belgium



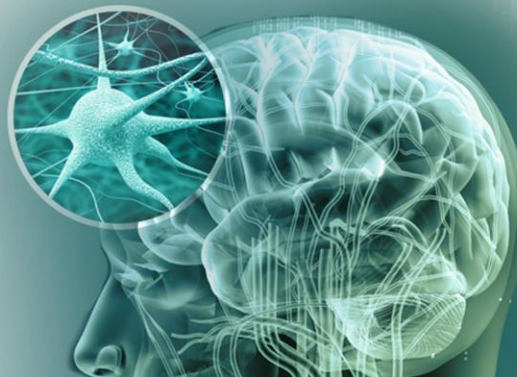
The Rhythm Section
Information Solutions

Tony
Blair
Faith
Foundation



Cabinet Office

Thank You



Intuview

Pioneering artificial intuition