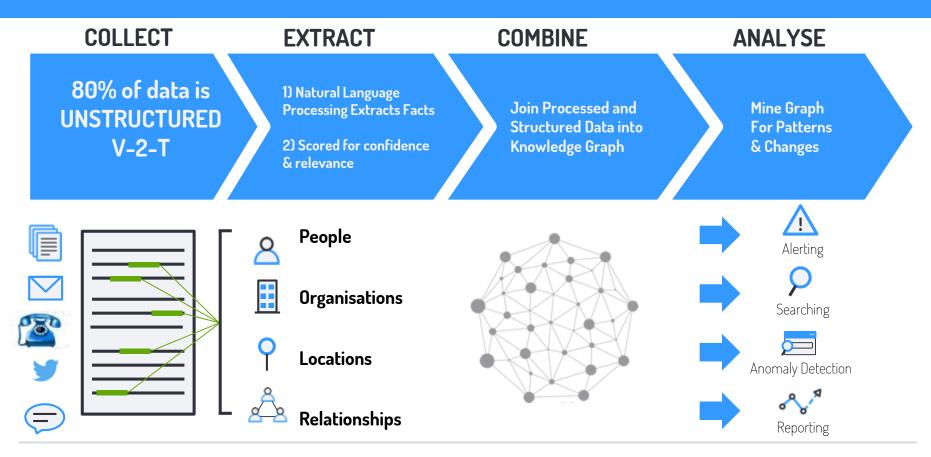
HOW NLP SAVES THE WORLD!

From Stopping Terrorist Attacks to Spotting Fake News

Chris Brown & Declan Trezise



Unstructured Data Workflow



Examples of using NLP





Stops Terrorist Plots

Spots Fake News

Predicts Civil Unrest

Protects Our Borders

Who uses NLP

- Central Intelligence Agency (CIA)
- Defense Intelligence Agency (DIA)
- Department of Defense (DOD)
- Federal Bureau of Investigation (FBI)
- Intelligence and Security Command (INSCOM)
- National Counterterrorism Center (NCTC)
- National Geospatial-Intelligence Agency (NGA)
- National Ground Intelligence Center (NGIC)

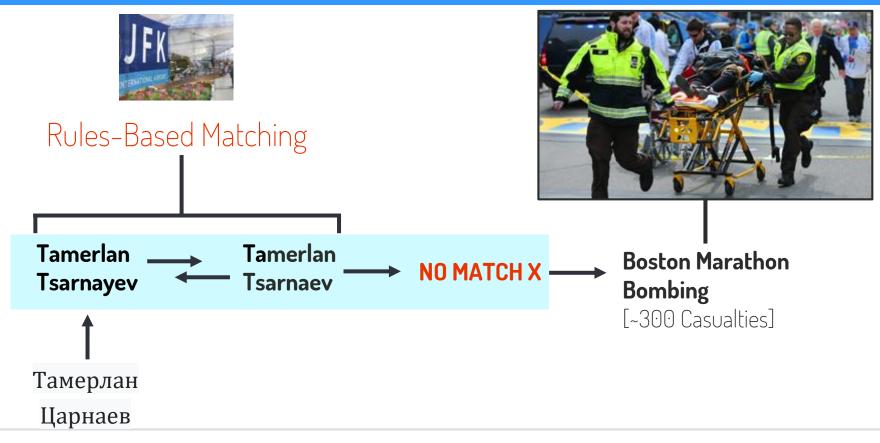
- National Reconnaissance Office (NRO)
- National Security Agency (NSA)
- National Virtual Translation Center (NVTC)
- Open Source Center (OSC)
- Special Operations Command (SOCOM)
- USA Custom Border Protection (CBP)
- Many Intel Agencies

- Data Triage for Analysts & Investigators
- Screening at borders
- Enrich forensics applications
- OSINT
- Improve existing applications

AI / NLP CAN BE AN OBSTACLE IN THE WAY OF TERRORISTS

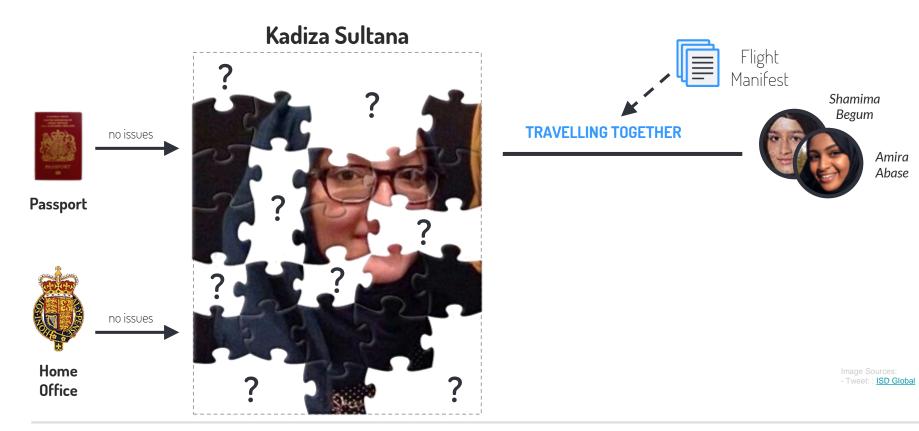


STANDARD NAME MATCHING FAILS!

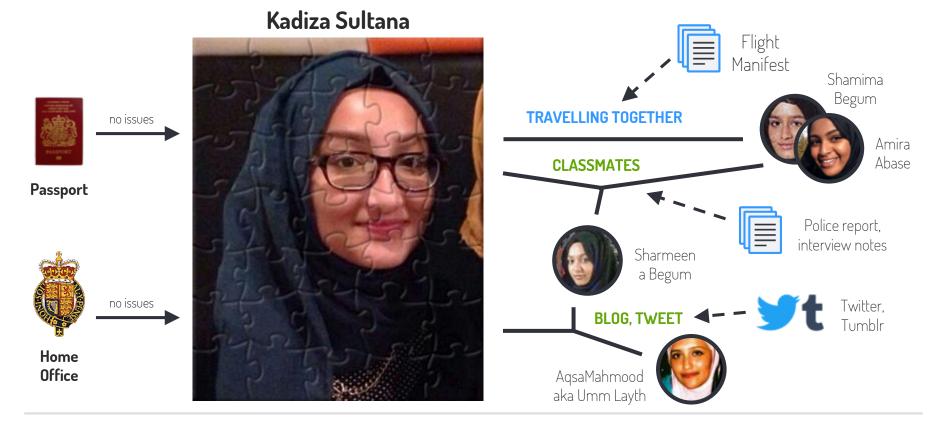


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INCOMPLETE IDENTITIES



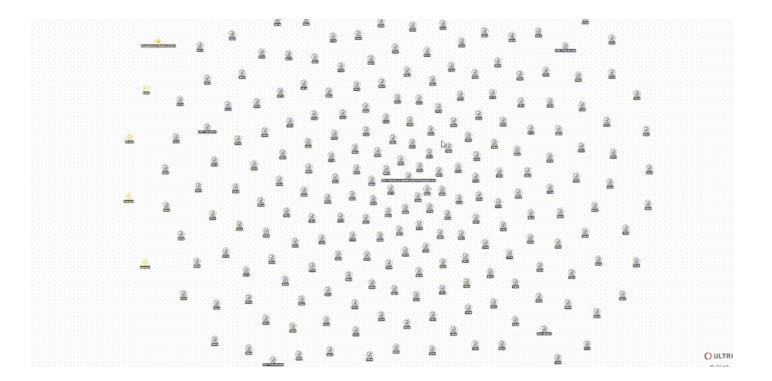
INCOMPLETE IDENTITIES



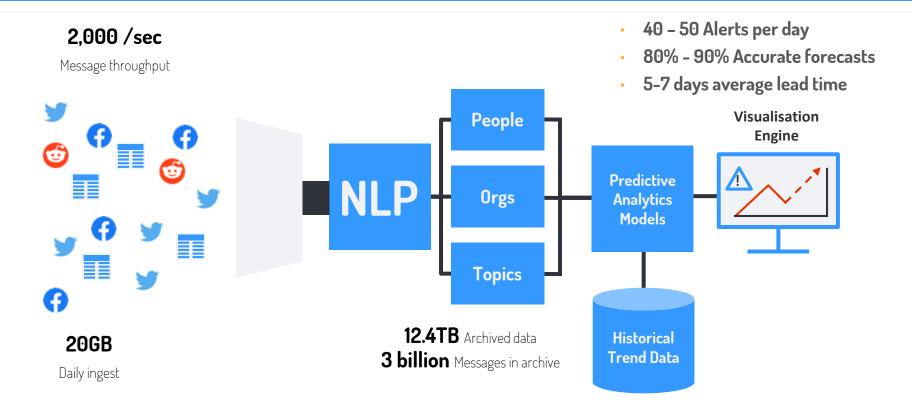
LAW ENFORCEMENT – CONNECTING CRIMES



LAW ENFORCEMENT – CONNECTING CRIMES



PREDICTING CIVIL UNREST



PREDICTING CIVIL UNREST



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Improving existing applications and processes

