Human Trafficking & Economic Factors

Project Proposal | Group name: Bunch of "Slack"ers
Group Members: Adam Iona, Kate Minyard, Remco Mooij, Tolu Omotunde, Sree Yallapragada

We are going to research human trafficking and how it relates to economic conditions in countries around the world. We will be analyzing datasets provided by the FBI (UCR), The Counter Trafficking Data Collaborative, and The World Bank. We plan to combine datasets from these different organizations to see how human trafficking trends have changed over time based on countries of origin and their economic climates. Specific human trafficking data that we will analyze includes: age, race, and sex. Our ideal visuals will include images that clearly depict the travel routes of human trafficking around the world and hot spot maps that show the density of human trafficking. We will also create traditional graphs that show how trends in age, race, and sex have changed over time. We will utilize Leaflet and Plotly to most effectively display these trends.

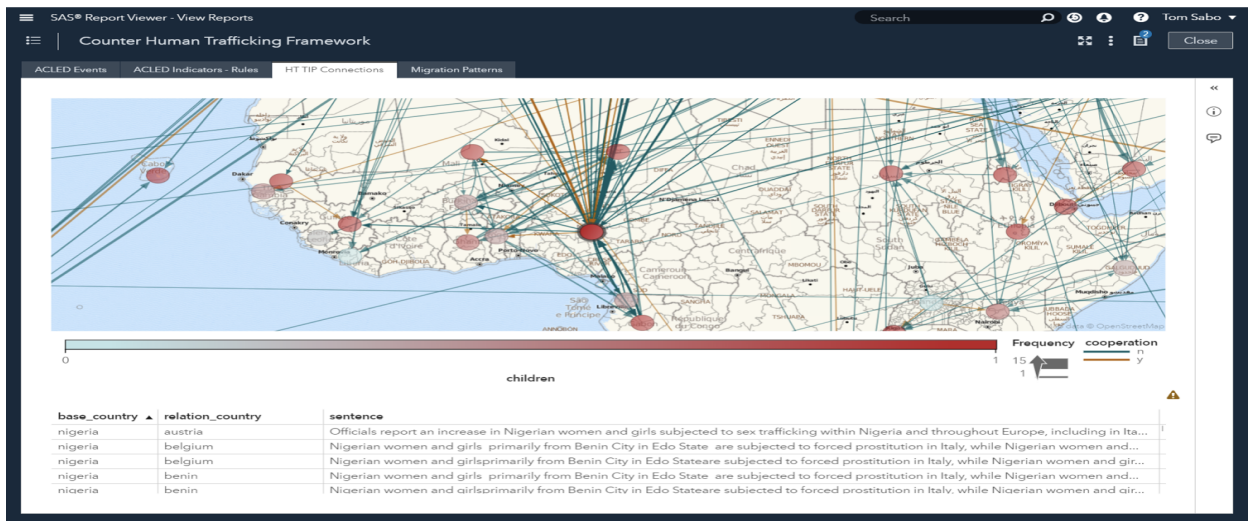## Sources

- Counter-trafficking data collaborative - **https://www.ctdatacollaborative.org/**
- World Bank - API and CSVs. Massive datasets for economic activity
  http://datatopics.worldbank.org/world-development-indicators/
- FBI Crime Data - https://crime-data-explorer.fr.cloud.gov/downloads-and-docs
- Forbes - **Risk of human trafficking on supply chain**
- Form 5500 Dataset - public disclosures about retirement and benefit plans, tons of fraud occurs in these plans, money getting moved from them for other uses.
  https://www.dol.gov/agencies/ebsa/about-ebsa/our-activities/public-disclosure/foia/form-5500-datasets
- The Trafficking in Persons (TIP) Report is the U.S. Government's principal diplomatic tool to engage foreign governments on human trafficking. 200 reports are created annually. It identifies connections between countries, who, what, when, where of international trafficking.
  https://www.state.gov/trafficking-in-persons-report/
- The Armed Conflict Location & Event Data is a comprehensive collection of event and conflict data for developing states. Armed conflicts create human trafficking vulnerabilities. www.acleddata.com
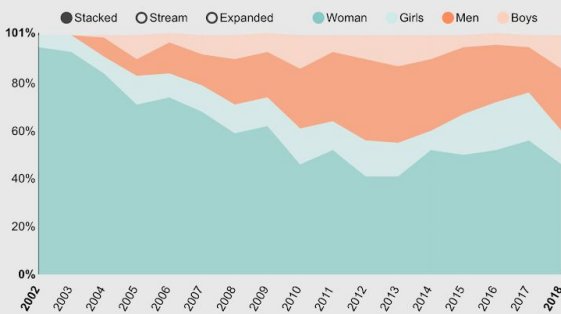
Database and JS library

We will use MongoDB for our database and the Anime JS library for web animations.

Github repository: https://github.com/remco-mooij/human-trafficking

Screenshots

Counter Human Trafficking Framework

ACLED Events   ACLED Indicators - Rules   HT TIP Connections   Migration Patterns

children

base_country ▲	relation_country	sentence
nigeria	austria	Officials report an increase in Nigerian women and girls subjected to sex trafficking within Nigeria and throughout Europe, including in Ita...
nigeria	belgium	Nigerian women and girls primarily from Benin City in Edo State are subjected to forced prostitution in Italy, while Nigerian women and...
nigeria	belgium	Nigerian women and girlsprimarily from Benin City in Edo Stateare subjected to forced prostitution in Italy, while Nigerian women and gir...
nigeria	benin	Nigerian women and girls primarily from Benin City in Edo State are subjected to forced prostitution in Italy, while Nigerian women and...
nigeria	benin	Nigerian women and girlsprimarily from Benin City in Edo Stateare subjected to forced prostitution in Italy, while Nigerian women and gir...

GENDER OVER TIME

Over time, a higher percentage of male victims of trafficking has been identified.

Explore More

AGE OF VICTIMS

Approximately a fifth of all victims are children, with girls and boys comprising respectively 56% and 44%
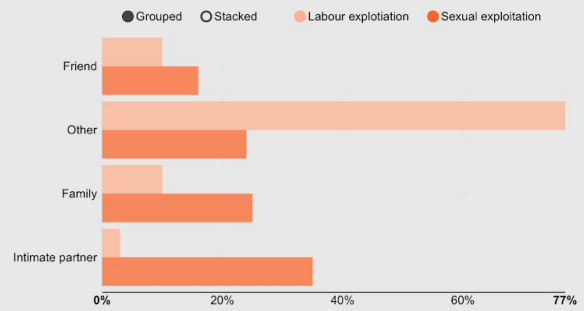
Explore More

Screenshot

EXPLOITATION TYPE

Recruiter Relationship

Victims trafficked for sexual exploitation are recruited most often by an intimate partner, and are more likely to be recruited by friends and family than victims of trafficking for labour exploitation.

Explore More

● Grouped   ○ Stacked   ● Labour explotiation   ● Sexual exploitation

Friend	
Other	
Family	
Intimate partner	

0%   20%   40%   60%   77%

Screenshot