Student Portfolio

Project Details: Human Trafficking in Judicial Case Management
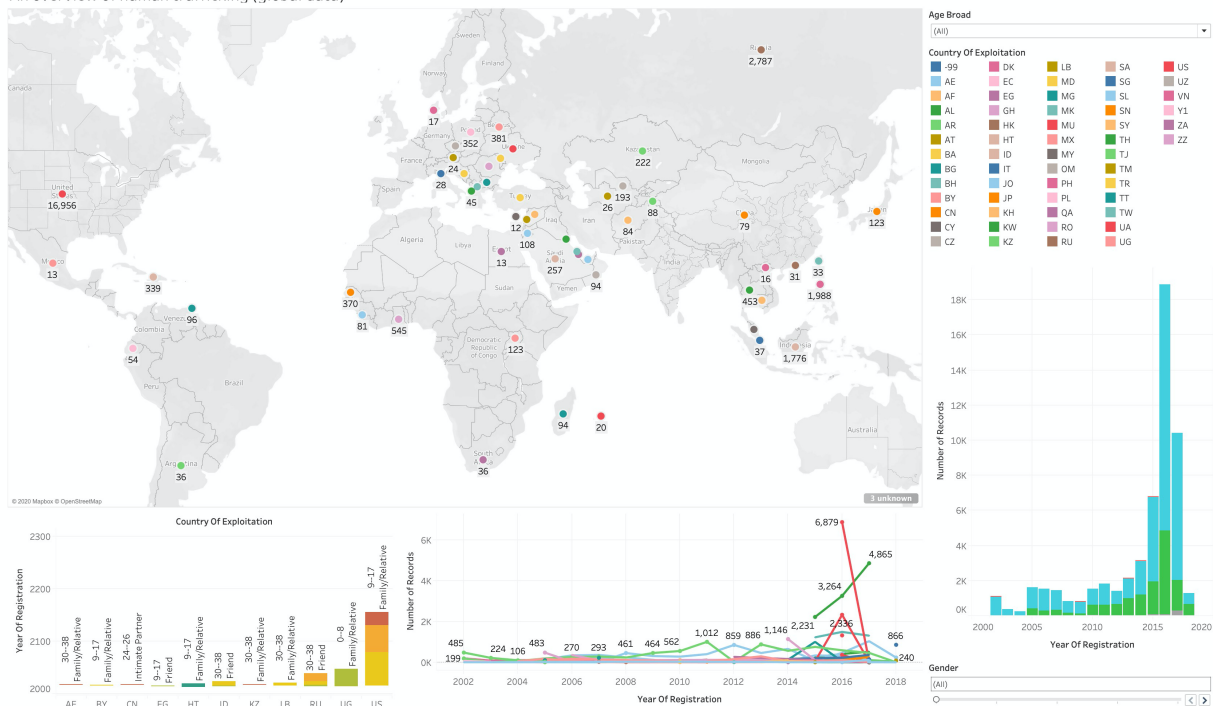
Advisors: Prof(s). Kristian Hammond & Dan Linna.
Sponsors/Guides: *Brian Ulicny, VP, Thomson Reuters Labs and Judge Wilfredo Martinez.*

Overview

- Beyond the scope of the code and application design, I have actively learnt and contributed to the Scrum and Waterfall approaches; thereby exploring beyond a conventional code-based project and design.

An overview of human trafficking (global data)

- The latter half of the quarter had us build an expert knowledge base tool for determining a likelihood and specify metrics for a particular subject to be a trafficking victim based on the survey or Q/A done.

Problems targeted by me (specifically):

i. Exploration of open source data – Tableau workbooks presented in class.

ii.   Evaluation and setup of an exoskeleton of our tool

- After the initial sessions, we setup a simple web-based tool upon HTML and JS. The style elemnts and checkbox aspects, and CSS support was added later.

iii.   Exploring the scrum framework and tabulation of features helpful for the bench cards built

- Setup of the bench card and features populated for the report had us explore beyond the tool and this was mostly helpful for me to explore the Scrum methodology of project workflow and also the approach taken from my peers at MSL.

iv.   Iterative changes done over next two months.

- The changes made were based on review from weekly sessions and we improved the tool until the final presented version in April. Final edits were handled mostly by me on weekends which catered directly to the end goal of UI and data flow / survey methods for deliverable tool.

Submission:

1. Our prediction / flagging tool.
2. Scrum Boards and Individual reports.
3. Bench Cards and Documentation.