## Web Scraper Pipeline



## Step

## Tool/mechanism



Retrieving articles
Identifying relevant articles
Extracting incident details
Clustering incidents
Source credibility assessment
Generating the report

Databases (GDELT, EMM), web scraping

ML model trained by HRO\*

Entity recognition

Sincos similarity

Various mechanisms

HTML/PDF/Excel/Word

<sup>\*</sup>The model of the first iteration of the pipeline was trained by the programmers themselves.