Auditing Tool for Credibility of Narratives – parrot.report

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Welcome to Parrot!

A tool for identifying potentially manipulated narratives from state-run media

Click on 'Open Report' to calculate an article's **narrative manipulation score.** For more information about how it all works. See our About page

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Biolabs
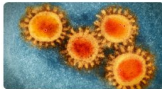This narrative concerns: 'US-Funded Biolabs in Ukraine'

Russia makes new claims on US-financed biolabs in Uk...
07 Mar, 2022
Open report

China urges Pentagon to open up about 'biolabs' in U...
08 Mar, 2022
Open report
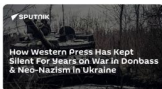
US-funded labs in Ukraine dealt with bat coronavirus...
10 Mar, 2022
Open report

Nazi-collaborator Stepan Bandera
'Ukrainian neo-Nazis march to celebrate life of 'Nazi collaborator' Stepan Bandera, a former leader of the Organization of Ukrainian Nationalists'

How Western Press Has Kept Silent For Years on War i...
26 Feb, 2022
Open report

27 million Soviet citizens lost their lives fighting...
08 May, 2021
Open report

How US state media rebrands Nazi collaborators as fr...
09 Jan, 2022
Open report

US escalated Ukraine-conflict
'Russia criticises US of escalating tensions by 'incorrectly' claiming Russia is amassing troops at the border of Ukraine and planning an invasion'

Russia says military action in Ukraine highly likely
02 Dec, 2021
Open report

'West has been destroyed without a shot fired' – Russia
15 Feb, 2022
Open report

Peace with US only possible after 'new world order' ...
30 Jan, 2022
Open report

Truth Social

Team

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Problem Statement: Examining the Truth Social platform for the presence of misinformation.

Significance: This platform, which has over 6 million users[1] and approximately 500K active users[2], has not been previously analyzed[3].

Methodology: Data is being collected through the platform's API and by scraping its website.

Scope of Data Collection: Data from approximately 5 million users, including their truths, followers, and following (in limited amounts).

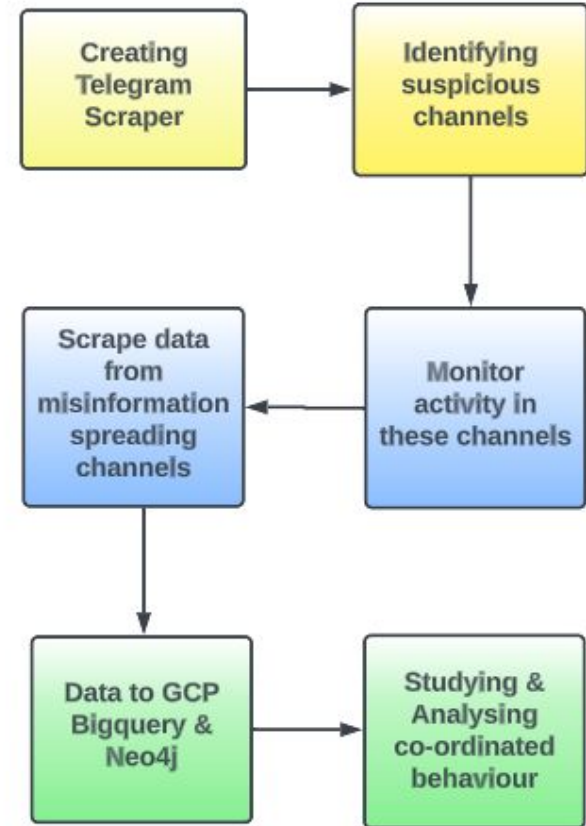| February	March	April	Mid-May	Mid-June
Began research on the TruthSocial platform.	Determined methods for data collection.	Constructed a data pipeline for collecting data.	Anticipated completion of data collection.	Scheduled preliminary analysis of data.

Telegram (1/2)

Problem Statement: Unmasking the Spread of Misinformation: Analyzing Coordinated Activity on Telegram.

Significance: Telegram has a large user base, end-to-end encryption, Minimal content moderation, allows private channels, popularity in many nations making it easier for misinformation to spread quickly.

Previous Work: (1.) Networks of pro-Kremlin Telegram channels spread disinformation at a global scale[1] (2.) US Extremism on Telegram: Fueling Disinformation, Conspiracy theories, and Accelerationism[2]

Scope of Data Collection: Data from approximately 150 Telegram channels, including their messages, reactions, links and shares will be collected.

Proposed Methodology

Creating Telegram Scraper → Identifying suspicious channels

Monitor activity in these channels

Scrape data from misinformation spreading channels

Data to GCP Bigquery & Neo4j → Studying & Analysing co-ordinated behaviour

Telegram (2/2)

Project Timeline:

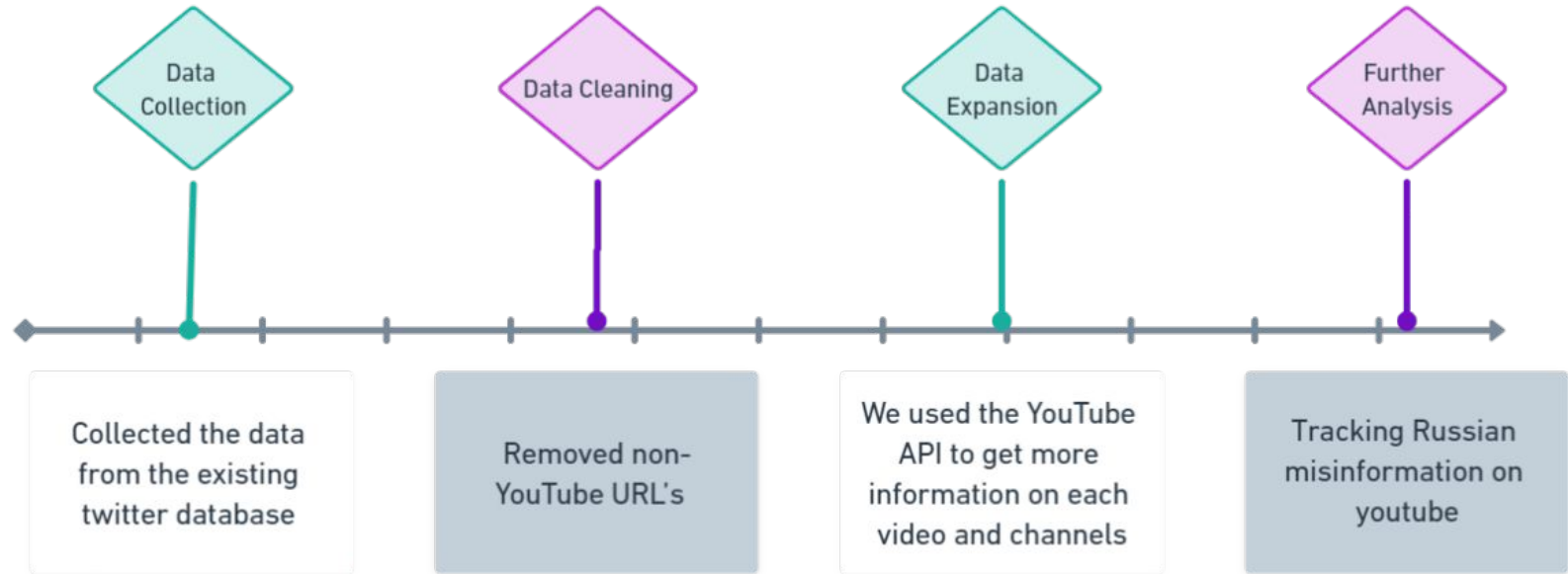| MONTH	TASK
February	Study of previous work & research on Telegram platform.
March	Developed the Telethon data scraper tool
April	Identifying and monitoring suspicious Telegram channels
May	Scraping data from these channels and pushing it to GCP Bigquery
June	Analysis of collected data to detect coordinated behaviour

Team

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References:

[1.] Nika Aleksejeva and Sayyara Mammadova, "Networks of pro-Kremlin Telegram channels spread disinformation at a global scale," Digital Forensic Research Lab (DFRLab), March 1, 2023, https://medium.com/dfrlab/networks-of-pro-kremlin-telegram-channels-spread-disinformation-at-a-global-scale-af4e319bd51e.
[2.] Walther, Samantha, and Andrew McCoy. "US Extremism on Telegram: Fueling Disinformation, Conspiracy Theories, and Accelerationism." Perspectives on Terrorism 15, no. 2 (2021): 100–124. https://www.jstor.org/stable/27007298.

Youtube Data Analysis: Flowchart

Data Collection

Collected the data from the existing twitter database

Data Cleaning

Removed non-YouTube URL's

Data Expansion

We used the YouTube API to get more information on each video and channels

Further Analysis

Tracking Russian misinformation on youtube

Youtube Data Analysis: Team

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WhatsApp Data Collection

Overview

Step 1: Scarpe the titles and links of groups of interest

Step 2: Join the groups

Step 3: Set up an android device. The data gets collected in the device

Step 4: Decrypt the database (required to root the device)

Decrypting the Database

1. We can make use of an application called omnicrypt if the database has to be decrypted without rooting the device

2. Or else we have to root the device in order to access the key required to decrypt the database

WhatsApp Data Collection: Team

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