

I know we won't be able to filter out everything, but is there a way to filter out [REDACTED]?

I hope you will find our system informative and useful as possible, that's why if you see any areas of improvement - please let us know!

Thanks again!

V/R,

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[REDACTED], [REDACTED]  
**LAPD Robbery-Homicide Division**

Website: [click here](#)

(213) 486-6850 office

[REDACTED] email



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**From:** Lech Król <lech.król@edgenpd.com>

**Sent:** Monday, October 26, 2020 12:20 PM

**To:** [REDACTED] <[REDACTED]>

**Cc:** Dobromir Ciasz <dobromir.ciasz@edgenpd.com>; Agnieszka Wnuk <agnieszka.wnuk@edgenpd.com>

**Subject:** ABTShield Pulse reports

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J0590

Dear ██████,

We have just launched a draft version of the ABTShield Pulse reporting system for you. It is in the „work-in-progress“ stage, that’s why many features do not work (I will come back to the issue later). We also plan to adjust it according to your comments.

Within a few minutes you will receive 3 emails from us. You should get such mails every morning or afternoon or any other agreed time. These mails contain a summary of activity on Twitter related to subjects we previously defined. In every such a mail, there are three modules:

General overview of activity in selected topics

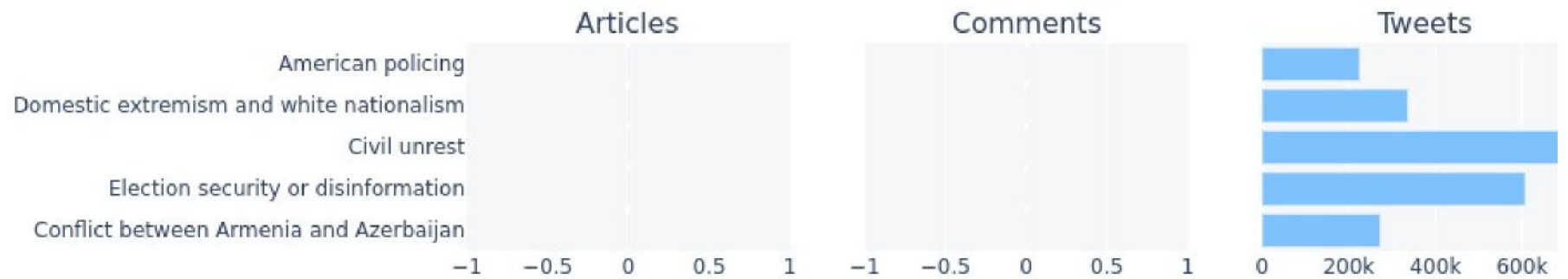
## General overview for last 7 days:

Theme	Tweet count	Tweet reach	Tweet bot alert (%)	Article count	Article reach	Article bot alert (%)	Comment count	Comment reach	Comment count (%)
American policing	838	224K	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Civil unrest	142	709K	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Election security or disinformation	241	607K	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Conflict between Armenia and Azerbaijan	496	273K	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Domestic extremism and white nationalism	49	337K	N/A	N/A	N/A	N/A	N/A	N/A	N/A

As you can see, in the table we inform you about the number and reach of Tweets in preselected categories. By reaching a total number of people, who could see the message - we add reach of every Tweet and retweet, so one person can see many messages - we calculate total number of contacts. In „tweet count“ we include the number of all retweets of the original message.

In the second module, there is information about reach for every topic in graphic form. Currently only „Tweets“ are collected, but we plan to connect more sources in the near future, such as articles and blogs. This diagram allows you to understand relative popularity and sources of messages for each subject.

## Reach:



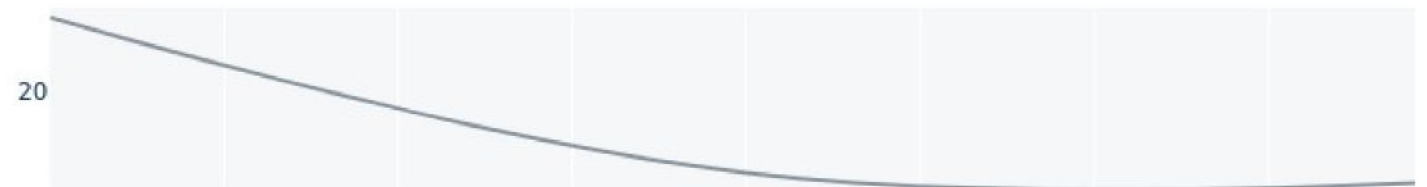
The last part contains the chart with changes of popularity of subjects during the last days (this time we count messages). This should give you an insight of changes in popularity of themes during a longer period of time.

## Trend dynamics:

American policing



Domestic extremism and white nationalism



Civil unrest



Election security or disinformation



Conflict between Armenia and Azerbaijan



23/10 23/10 23/10 23/10 24/10 24/10 24/10 24/10

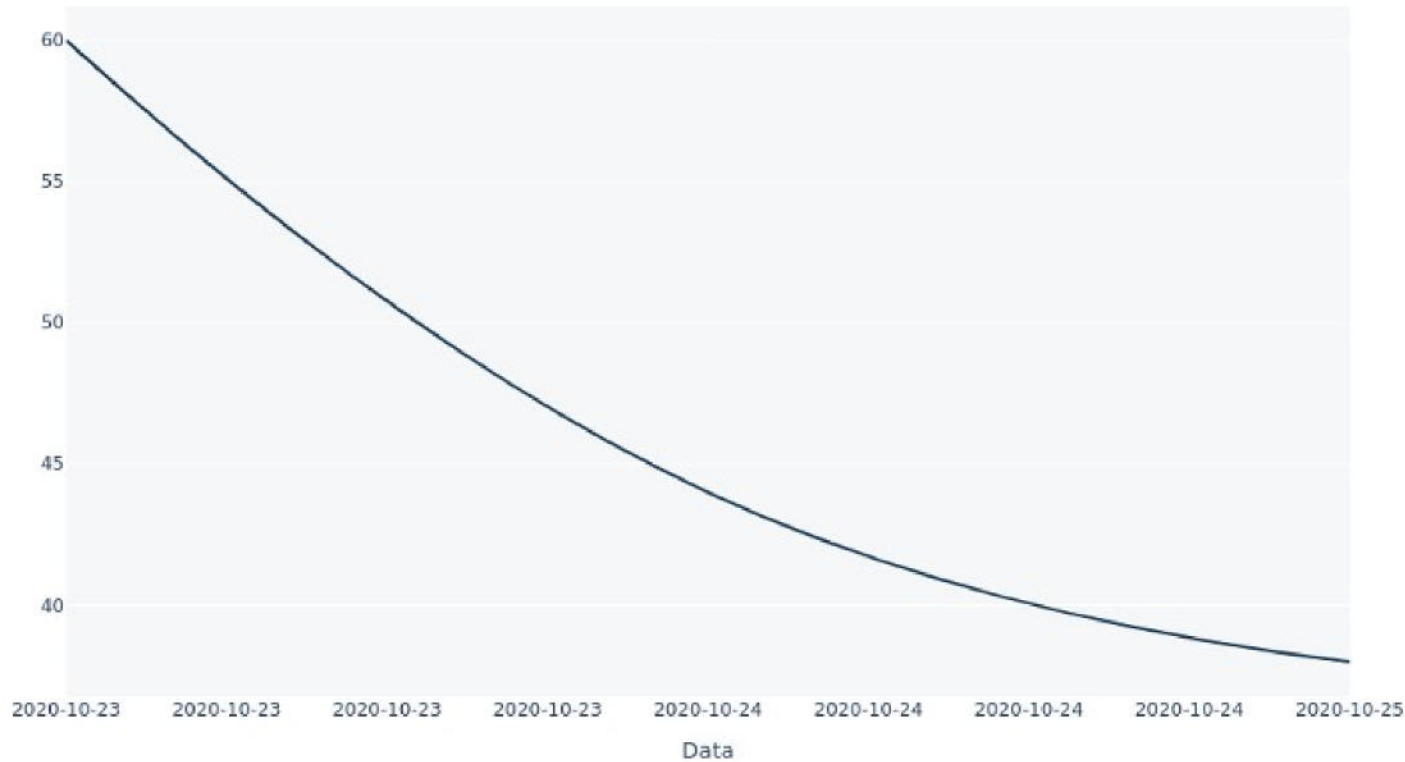
These three diagrams should give you some understanding of what is being discussed. More detailed information is given in the attached Excel file. In the spreadsheet, there are five tabs, each dedicated to one of defined subjects. It opens up with two diagrams. The one on the left you have already seen - it



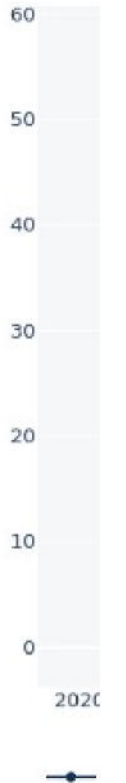
shows the total reach of the subject. The one on the right shows the reach of underlying sub-themes, to give you better understanding what exactly is currently being discussed in the matter. These charts will become more interesting as we collect data over a longer period of time.

### Civil unrest: 2020-10-25

Trends in reactions



Tags bre



The section below will contain tweets from a list of Twitter accounts you would like to follow. If you have a list of such accounts, please let us know. Currently there are no tweets, since there is no list yet.

Below, you can see a list of original tweets with the highest reach in the subject. There is a text of each tweet, so you can understand its nature.

## Tweets

Timestamp	Tags	Excerpt	User
2020-10-25 14:30:02	['LA protests']	Tens of people detained, tear gas deployed at protest in west Belarus: RIA <a href="https://t.co/3jQRTjRLMU">https://t.co/3jQRTjRLMU</a> <a href="https://t.co/1fwQA4FFvt">https://t.co/1fwQA4FFvt</a>	
2020-10-25 17:26:04	['Police brutality', 'LA protests']	Americans protesting racism and police violence have been hit by motor vehicles more than 100 times this year <a href="https://t.co/NVR98peC">https://t.co/NVR98peC</a>	
2020-10-25 02:29:02	['LA protests', 'Donald Trump']	Demonstrators dressed as chickens, a cow and Pres. Donald Trump gathered near the Houses of Parliament to protest a... <a href="https://t.co/0">https://t.co/0</a>	
2020-10-25 06:43:03	['LA protests']	Thai protest movement calls another rally after PM refuses to resign <a href="https://t.co/WptAVD2Wv3">https://t.co/WptAVD2Wv3</a>	
2020-10-25 15:00:00	['LA protests']	ABVP protest outside PDP office in Jammu; several detained <a href="https://t.co/aZVgOL1vz7">https://t.co/aZVgOL1vz7</a> via @TOICitiesNews <a href="https://t.co/nfdJugbncU">https://t.co/nfdJugbncU</a>	
2020-10-25 11:57:01	['LA protests']	A large number of activists of Bharatiya Kisan Union, led by its Haryana president Gurnam Singh, hold protest again... <a href="https://t.co/NZki">https://t.co/NZki</a>	
2020-10-25 10:40:00	['LA protests']	Hathras BJP councillor booked for rioting, thrashing a woman, gets awarded under UP's Mission Shakti... <a href="https://t.co/0px5hAbCi2">https://t.co/0px5hAbCi2</a>	
2020-10-25 17:37:01	['LA protests']	Belarus: 'people's ultimatum' protest met with violent police crackdown <a href="https://t.co/gjzpGdsxuo">https://t.co/gjzpGdsxuo</a>	
2020-10-25 16:58:05	['LA protests']	It is painful that what started as a peaceful protest has been hijacked and turned into complete Anarchy, in total... <a href="https://t.co/qHQosC">https://t.co/qHQosC</a>	
2020-10-25 17:00:02	['Looting in LA']	What is there to gain from burning and looting private businesses that provide employment to our own people??Or b... <a href="https://t.co/ot">https://t.co/ot</a>	
2020-10-25 12:50:00	['LA protests']	Protesting against #PDP chief #MehboobaMufti's remarks on the national flag, a group of youths took out a march out... <a href="https://t.co/q">https://t.co/q</a>	
2020-10-25 23:04:01	['Looting in LA']	Nigeria seeks to halt looting amid fury over 'food warehouses' <a href="https://t.co/IOS3umheq0">https://t.co/IOS3umheq0</a>	
2020-10-25 19:01:04	['LA protests', 'Potential danger']	Belarus police fire stun grenades as 100,000 protest <a href="https://t.co/Qesa9OFZrY">https://t.co/Qesa9OFZrY</a> <a href="https://t.co/jKlcdQuijf">https://t.co/jKlcdQuijf</a>	
2020-10-25 11:04:02	['LA protests']	"Our blood, our souls, we sacrifice for you Iraq," chanted hundreds of protesters as they marched through the capit... <a href="https://t.co/bXn">https://t.co/bXn</a>	
2020-10-25 23:17:04	['LA protests']	"Racism is so American that when you protest it, people think you are protesting America." <a href="https://t.co/t3llkYpF92">https://t.co/t3llkYpF92</a>	
2020-10-25 04:56:04	['LA protests']	#WATCH Canada: Indian diaspora staged a protest in Toronto on Saturday against Pakistan sponsored terrorism & obser... <a href="https://">https://</a>	
2020-10-25 21:05:02	['Looting in LA']	Looting: Turn Back Your Children If They Bring Back Unaccounted Goods – Buhari <a href="https://t.co/kfOvAZR1jn">https://t.co/kfOvAZR1jn</a> <a href="https://t.co/uit1qJXeja">https://t.co/uit1qJXeja</a>	
2020-10-25 20:45:05	['Looting in LA']	Looting: Politicians Sponsoring Angry Youths To Overthrow My Govt – Abdulrahman Abdulrasaq <a href="https://t.co/bUhh9T0rXs">https://t.co/bUhh9T0rXs</a> <a href="https://t.co">https://t.co</a> ,	
2020-10-25 16:38:03	['LA protests']	We'll Prosecute Those Who Took Advantage Of #EndSARS Protest To Destroy Facilities – LSMJ <a href="https://t.co/Pv526UXYwz">https://t.co/Pv526UXYwz</a> <a href="https://t.co/fx">https://t.co/fx</a>	
2020-10-25 15:56:00	['Looting in LA']	Despite Curfew, Looting Of Warehouses Continues In Taraba <a href="https://t.co/Vb6CrX8T5G">https://t.co/Vb6CrX8T5G</a> <a href="https://t.co/BZCc4Vsl6D">https://t.co/BZCc4Vsl6D</a>	
2020-10-25 11:43:02	['LA protests']	EndSARS Protest: FG Creates 25Bn Youth Fund To Address Demands" This will be a fund that will be N75bn over three... <a href="https://t.co/Exo">https://t.co/Exo</a>	
2020-10-25 11:42:05	['LA protests']	#EndSARS Protest: FG Creates 25Bn Youth Fund To Address Demands" This will be a fund that will be N75bn over three... <a href="https://t.co/h6">https://t.co/h6</a>	
2020-10-25 11:36:00	['LA protests']	#EndSARS Protest: FG Creates 25Bn Youth Fund To Address Demands <a href="https://t.co/IEWxtHIMPB">https://t.co/IEWxtHIMPB</a> <a href="https://t.co/jmrfPolfkq">https://t.co/jmrfPolfkq</a>	
2020-10-25 08:36:01	['LA protests', 'Potential danger']	Gov. Obiano Reads Riot Act To Thugs Destroying Public Facilities <a href="https://t.co/4HTQCOZA3p">https://t.co/4HTQCOZA3p</a> <a href="https://t.co/43hKNanMHn">https://t.co/43hKNanMHn</a>	
2020-10-25 16:02:00	['LA protests']	From May to September 2020, Amnesty documented and verified violent confrontations between protests and counter-pro... <a href="https://t">https://t</a>	
2020-10-25 15:01:00	['Joe Biden', 'LA protests', 'Campaign events']	Joe Biden slams pro-Trump protesters at rally: "I'll work as hard for those who don't support me as those who do —... <a href="https://t.co/qBLjh">https://t.co/qBLjh</a>	
2020-10-25 10:16:00	['LA protests']	"Worship protest" expected to draw thousands to National Mall <a href="https://t.co/rJStPzvElh">https://t.co/rJStPzvElh</a> <a href="https://t.co/GrmenInRFW">https://t.co/GrmenInRFW</a>	
2020-10-25 04:21:00	['LA protests']	"Worship protest" expected to draw thousands to National Mall <a href="https://t.co/1j3ZfJhsG">https://t.co/1j3ZfJhsG</a> <a href="https://t.co/6ROWp5DIsX">https://t.co/6ROWp5DIsX</a>	
2020-10-25 01:57:00	['LA protests']	"Worship protest" expected to draw thousands to National Mall <a href="https://t.co/IRIMDK0mNC">https://t.co/IRIMDK0mNC</a> <a href="https://t.co/43bjVh2Enj">https://t.co/43bjVh2Enj</a>	
2020-10-25 00:45:00	['Joe Biden', 'Campaign events', 'LA protests', 'Donald Trump']	Joe Biden slams pro-Trump protesters at rally: "We don't do things like those chumps out there." <a href="https://t.co/kiK9WXEtwf">https://t.co/kiK9WXEtwf</a>	
2020-10-25 23:57:05	['LA protests', 'Potential danger']	Police deny killing three protesters over Ogun footballer's death <a href="https://t.co/yk4kLB6nUS">https://t.co/yk4kLB6nUS</a>	
2020-10-25 23:20:02	['LA protests']	#EndSARS protest and way forward <a href="https://t.co/5FC1rpYi41">https://t.co/5FC1rpYi41</a>	
	['Looting in LA', 'Potential danger']		

As you can see, on the right side, there is a link, you may click to open an original message on Twitter.

At the beginning of the mail, I mentioned that you will get 2 or 3 mails - here is why. We currently collect 3 datasets:

- Dataset with Tweets in English related to agreed themes. This can help you to gain understanding of general (nationwide) discussion topics.
- Dataset with „LA related” Tweets which contains data from the dataset described above filtered down to get only a subset of Tweets related to LA. We are using a query with several hundreds of LA related words (Streets in LA, LA organizations, objects in LA, etc) to filter down the content. This method is not 100% accurate, so we may miss some LA related Tweets as well as include some out of interesting scope (LA context )
- Last dataset contains original Tweets posted from the LA area - we use Twitter geolocation filtering, so accuracy of the filtering is beyond our control (LA - Geo)

If you find it useful, we may also give you access to our Searching Dashboard, with predefined Subject filters. After opening a link in a browser you will be able to see currently posted tweets for each subject almost in real time. You can also search for very specific content using the query language (easy to learn, if you don't know it yet)

Search

tags\_general: exists tags\_general: is one of Armenia-Azerbaijan conflict, Qanon, Proud Boys, Boogaloo, Potential danger, Police brutality, Voter intimidati

twitter

Search field names

Filter by type 0

Selected fields

- tags\_general
- text
- user

Available fields

- Popular
- \_score
  - \_type
  - in\_reply\_to\_status\_id
  - is\_retweet
  - source
  - tweet\_id
  - urls
- \_id
  - \_index
  - hashtags
  - in\_reply\_to\_user\_id
  - query



Time	text
> Oct 26, 2020 @ 06:59:29.000	RT Mayor of Pasadena, along with his w
> Oct 26, 2020 @ 06:59:25.000	RT Mayor of Pasadena, along with his w
> Oct 26, 2020 @ 06:59:22.000	RT BREAKING: Senate Commerce Comm this -for-influence schemes.Hearing could f <a href="https://t.co/7RgyTgibRl">https://t.co/7RgyTgibRl</a>
> Oct 26, 2020 @ 06:59:16.000	Marched in the Hollywood streets again
> Oct 26, 2020 @ 06:59:04.000	@40Dodd @donlemon With all respect Don
> Oct 26, 2020 @ 06:59:04.000	RT Mayor of Pasadena, along with his w



Please click links below, to check it out. Use following login and password:

login: ██████

pass: ████████████████████

(It takes several seconds for the server to respond before login)

LA Context (LA County geographical names mentioned)

<http://34.76.67.114:5980/goto/ba45bff2b421e07a5e45eed16aabe708>

Geotrapped to LA County

<http://34.76.67.114:5980/goto/20b8392c6bb3c15bb83be0cd0e855066>

As mentioned earlier, we soon plan to add some more stuff:

- Basic bot/troll detection/ratio information
- Articles, blogs and forums published on the internet about topics you are interested in.

1) Please take a look at collected data - especially included tweets - and let us know if it works fine. Please be aware that we cannot filter out all irrelevant messages. We update queries daily to get a reasonable dataset, but there is still a significant amount of unrelated stuff. We may also miss some Tweets or articles - if you find subjects we are missing, please let us know, so we will be able to improve our queries.

2) What is the best time for you to get these newsletters? We recommend you every morning at 8AM your time.

3) Would you like to get the access to searching Dashboard?

4) Would you like to get all 3 dataset reports or we should exclude some?

5) Do you have any Twitter accounts, you would like to monitor closely?

6) Are sub-topics definitions ok?

7) Is there anything we missed here?

I hope you will find our system informative and useful as possible, that's why if you see any areas of improvement - please let us know!

Best regards

Lech