

Zadanie 1 – analýza tweetov

Odovzdanie do 10.10.2021 23:59 – máte na to presne 2 týždne – dostanete za to 7,5 boda.

Prvé zadanie je zamerané na roztriedenie tweetov medzi rôzne konšpiračné teórie uvedené pod zadaním. Programovať môžete v hocijakom jazyku a váš zdroják sa odovzdáva to IS, no rovnako MUSÍ byť zavesený na vašom githube – v dokumente na začiatku uveďte vždy linku na projekt. Ak nebude GitHub, nebudú body. Okrem zdrojáku odovzdávate aj dokument kde budú screenshoty vašich výsledkov, výsledky ako text a grafy. Môžete napísať aj nejaké teplé slovo k tomu, nech sa pobavíme.

Vašou úlohou je teda:

1. Importovať dataset do PostgreSQL 13+:
https://drive.google.com/drive/folders/1_crPerzWU2Nzc4mR5k6xuGqbp0fJDvsY?usp=sharing
2. Vypočítať sentiment pomocou VADER lexikónu
<https://towardsdatascience.com/sentimental-analysis-using-vader-a3415fef7664> pre tweety, ktoré obsahujú nasledovné hashtagy: #DeepstateVirus #DeepStateVaccine #DeepStateFauci #QAnon #Agenda21 #CCPVirus #ClimateChangeHoax #GlobalWarmingHoax #ChinaLiedPeopleDied #SorosVirus #5GCoronavirus #MAGA #WWG1WGA #Chemtrails #flatEarth #MoonLandingHoax #moonhoax #illuminati #pizzaGateIsReal #PedoGateIsReal #911truth #911insidejob #reptilians
Pri výpočte nezohľadňujte (ignorujte) emotikony ani hashtagy ani mentiony v texte.
3. Roztriediť vyfiltrované tweety z predošlého zadania medzi konšpiračné teórie – spravte si na to novú tabuľku a mapovanie – nech je jasné ktorý tweet patrí ktorej konšpiračnej teórii.
4. Vypočítajte pomer extrémnych a neutrálnych sentimentov tweetov pre konšpiračné teórie po týždňoch a zistite, či daná konšpiračná teória rastie alebo upadá v čase. Výstup vizualizujte v grafe. Rovnako uveďte aj absolútne čísla: tweet_count, tweet_extreme_count, tweet_neutral_count v tabuľke pre každý týždeň. Za extrém považujeme keď je compound väčší ako 0,5 alebo menší ako -0,5.
5. Nájdite TOP10 account-ov ktoré sú najaktívnejšie v každej konšpiračnej teórii s extrémnym sentimentom a ukážte ich v tabuľke: id, name, screen_name a tweet_count.
6. Nájdite TOP10 najčastejšie používaných hashtagov pre každú konšpiračnú teóriu z tweetov s extrémnym sentimentom, vypíšte aj počet.

V úvahu berte nasledovné konšpiračné teórie a ich hashtagy.

Deep State

https://en.wikipedia.org/wiki/Deep_state

A deep state is a type of governance made up of potentially secret and unauthorised networks of power operating independently of a state's political leadership in pursuit of their own agenda and goals. In popular usage, the term carries overwhelmingly negative connotations. The range of possible uses of the term is similar to that for shadow government. The expression state within a state is an older and similar concept. Historically, it designated a well-defined organization which seeks to function independently, whereas the deep state refers more to a hidden organization seeking to manipulate the public state.

#DeepstateVirus #DeepStateVaccine #DeepStateFauci

Qanon

<https://dennikn.sk/2474994/pripraveni-na-velke-prebudenie-zo-zakulisia-hnutia-qanon/>

“The [QAnon] conspiracy involves a range of batshit theories but very basically, many QAnon supporters believe in a global conspiracy involving a ring of Satan-worshipping, child-molesting criminals led by prominent Democrats that includes everyone from Hillary Clinton to Tom Hanks to a Mexican cement company [Cemex]. They also believe information about it is being leaked via cryptic posts on the internet by someone with very high Q-level security clearance—which sounds just as made-up as it definitely is.”

#QAnon #MAGA #WWG1WGA

New world order

(<https://www.buzzfeed.com/joeydurso/coronavirus-agenda-21-5g>)

An Old Conspiracy Theory Known As "Agenda 21" Has Been Rebooted By The Coronavirus Pandemic. New World Order is here again.

#Agenda21

The virus escaped from a Chinese lab

<https://www.vox.com/22453571/lab-leak-covid-19-coronavirus-hypothesis-wuhan-virology-china>

Where did the virus that causes Covid-19 come from? It's one of the most persistent mysteries of the pandemic. The debate about it among scientists, policymakers, journalists, amateur internet sleuths, and the general public has reignited with new revelations and new voices in the mix. We may never know for sure if the virus that causes Covid-19 leaked from a lab. But that won't stop the debate.

#CCPVirus #ChinaLiedPeopleDied

Global Warming is HOAX

<https://www.hull.ac.uk/special/blog/why-people-still-believe-climate-change-is-fake-and-why-we-know-theyre-wrong>

Why people still believe climate change is fake...
#ClimateChangeHoax #GlobalWarmingHoax

COVID19 and microchipping

<https://www.politifact.com/factchecks/2020/may/28/facebook-posts/theres-no-plot-microchip-people-during-covid-19-te/>

There's no evidence that Bill Gates and George Soros plan to microchip people being tested for coronavirus.

#SorosVirus #BillGates

COVID19 is preaded by 5G

<https://www.vox.com/recode/2020/4/24/21231085/coronavirus-5g-conspiracy-theory-covid-facebook-youtube>

The first link John Gregory saw pushing a connection between 5G and the coronavirus pandemic was on a French conspiracy website called Les moutons enragés, which loosely translates as "The rabid sheep." A January 20 post floated that the millimeter wave spectrum used by 5G technology and Covid-19, the disease caused by the novel coronavirus, could be related, pointing to reports about Wuhan installing 5G towers before the outbreak. Three months later, conspiracy theorists making similar claims were setting cellphone towers on fire in Europe.

#5GCoronavirus

Moon landing is fake

<https://www.space.com/apollo-11-moon-landing-hoax-believers.html>

Moon-Landing Hoax Still Lives On, 50 Years After Apollo 11.

#MoonLandingHoax #moonhoax

9/11 was inside job

<https://www.bbc.com/news/58469600>

11 September 2001: The conspiracy theories still spreading after 20 years

#911truth #911insidejob

Pizzagate conspiracy theory

(https://en.wikipedia.org/wiki/Pizzagate_conspiracy_theory)

In March 2016, the personal email account of John Podesta, Hillary Clinton's campaign chair, was hacked in a spear-phishing attack. WikiLeaks published his emails in November 2016. Proponents of the Pizzagate conspiracy theory falsely claimed the emails contained coded messages that connected several high-ranking Democratic Party officials and U.S. restaurants with an alleged human trafficking and child sex ring. One of the establishments allegedly involved was the Comet Ping Pong pizzeria in Washington, D.C.[6][7]

#pizzaGateIsReal #PedoGateIsReal

Chemtrails

<https://keith.seas.harvard.edu/chemtrails-conspiracy-theory>

Chemtrails refers to the theory that governments or other parties are engaged in a secret program to add toxic chemicals to the atmosphere from aircraft in a way that forms visible plumes in the sky, somewhat similar to contrails. Various different motivations for this alleged spraying are speculated, including sterilization, reduction of life expectancy, mind control or weather control.

#Chemtrails

FlatEarth

<https://edition.cnn.com/2019/11/16/us/flat-earth-conference-conspiracy-theories-scli-intl/index.html>

(CNN)"I don't want to be a flat Earther," David Weiss says, his voice weary as he reflects on his personal awakening. "Would you wake up in the morning and want everyone to think you're an idiot?" But Weiss is a flat Earther. Ever since he tried and failed to find proof of the Earth's curve four years ago, he's believed with an evident passion that our planet is both flat and stationary -- and it's turned his world upside down.

#flatEarth

Illuminati

<https://www.bbc.com/future/article/20170809-the-accidental-invention-of-the-illuminati-conspiracy>

It's the conspiracy theory to dwarf all conspiracy theories. A smorgasbord of every other intrigue under the sun, the Illuminati are the supposed overlords controlling the world's affairs, operating secretly as they seek to establish a New World Order.

#illuminati

Reptilian conspiracy theory

https://en.wikipedia.org/wiki/Reptilian_conspiracy_theory

Reptilians – also called reptoids, lizard people, reptiloids, saurians, or draconians – are supposed reptilian humanoids, which play a prominent role in fantasy, science fiction, ufology, and conspiracy theories. The idea of reptilians was popularised by David Icke, a conspiracy theorist who claims shapeshifting reptilian aliens control Earth by taking on human form and gaining political power to manipulate human societies. Icke has stated on multiple occasions that many world leaders are, or are possessed by, so-called reptilians.

#reptilians