Enraptured Minds: Strategic Gaming of Cognitive Mindhacks
Problem statement
Lindsay Beyerstein
@Beyerstein

Trump murders beloved koi by overfeeding. It's not a Las Vegas buffet, you moron. They suffocate on the extra food!

Jennifer Jacobs @JenniferLLJ
Trump spoon feeds koi fish at Akasaka Palace. He ended up just dumping the whole box of fish food into the pond, per @justinsink at scene.

7:20 PM - 5 Nov 2017

13 Retweets 25 Likes

Ron Dodgers @romopar - Nov 6
Repeating to @Beyerstein
 resizeMode
Investigative journalist retweets and replies on a #FakeNews falsely edited tweet about Trump in Japan. Who's the moron? 😒😒😒

2 Retweets 29 Likes
Fragmentary or even #HashTagThinking
Theoretical background
Black is White: Experiments on Suggestion

Two fragments from 1971 documentary directed by Felix Sobolev. The psychological experiments were conducted by Dr. Valeria Mukhina.

A Criminal Scientist (view the video)

Different people are shown the same portrait. Some are told that this is a famous scientist, others - that this is a dangerous criminal (the true profession of the photographed man is an actor). In every case they are asked to describe his character based on the photo. Here is what people say depending on the suggestion.

A Scientist
- His eyes are squinted kindly
- A penetrating gaze, like an X-ray.
- He should like kids
- When he talks to people he can make them like him

A Criminal
- His eyes are impudently squinted
- Inhuman gaze
- He is a sadist
- He is dissatisfied with people and despises them

In a related experiment an actor was presented to a highly educated audience as a great scientist. He went on to read a lecture, which was a complete nonsense. Nobody noticed anything wrong.

http://ecclesiastes911.net/suggestion/
https://www.youtube.com/watch?v=fuIXiXqv978

With a lack of information, we unwillingly find that others expect from us according to the intros...
Things that worked well ...
Time Law
25 years - the average frequency of generation changes

The speed of technologies changes before and now
The story depends on your geo-location, the facts do not matter anymore!
Both WHITE!!?? - Yes!

Black is white (view the video)

A group of seven people are shown two pyramids one black and one white. The experimenter asks each member of the group what color are the pyramids. Six members of the group are experimenter's accomplices (like in Asch's experiment) and say that both pyramids are white. Some test subjects yield to group suggestion and also says that both are white. In another experiment the group is shown five photos of five different people. Experimenter asks the members of the group if among these photos are portraits of the same person. Experimenter's accomplices are instructed to say that certain two photos show the same person and to find common facial features to convince the test subject. Often they succeed. One test subject explains why he was taken in

I felt embarrassed before my comrades. Because they were so knowledgeable, could emphasize things so competently, could notice every small detail, compare and link everything together.

Could it be that the high status of the masterpieces of modern art is not challenged because people feel embarrassed before the knowledgeable art critics who can emphasize things so competently, can notice every small detail, compare and link everything together? Could the same be true for modern literature and poetry? Check out the Reverent Quizzes to see if you can tell the work of a recognized genius when his name is separated from it, that is when you are free from suggestion.

http://ecclesiastes911.net/suggestion/
BandWagon Effect

As more people come to believe in something, others also "hop on the bandwagon" regardless of the underlying evidence.
The **spiral of silence theory** is a political science and mass communication theory proposed by the German political scientist Elisabeth Noelle-Neumann, which **stipulates that individuals have a fear of isolation**, which results from the idea that **a social group or the society in general might isolate, neglect, or exclude members due to the members' opinions**. This fear of isolation consequently leads to remaining silent instead of voicing opinions. Media is an important factor that relates to both the dominant idea and people's perception of the dominant idea.
The current process of “FN” is mostly about applying old theories to modern means of communication.
Expected outcomes for manipulations

Multiply versions of a lie (Ложь) for everyone else, which complies with current agenda.

Truth, only known to chosen people.
Fake news is just a top of the Iceberg

Positive/Neutral vs Negative comments for two candidates during the elections 2015 @QuestionMore TV channel

Availability of tailored Services on the Market
Role of Social Networks and mass media in decision making process

- People background checks
- Online shopping
- It’s all about accepting others opinion as your own
- The same for Political decisions
- Investments
10,000 followers buy

10,000 followers acheter

Acheter des Followers Instagram - La meilleure qualité ! - FASTLIKES
https://fastlikes.fr/acheter-des-followers-instagram/ • Verzal deze pagina
10,000 Followers. 94K/80 normal - 92 K/90 de 10,000 Followers. Livraison en 24 heures. 100% Visites Followers. Haute Qualité. Garantie & sans parts.

Acheter des Followers Instagram - FollowemPasCHER
https://www.followempascher.com/acheter-des-followers-instagram/ • Verzal deze pagina
Acheter des abonnés Instagram permanents, authentiques et pas cher pour augmenter votre notoriété sur Instagram. ... Notre offre ... 10.000. Abonner à ... 1000 followers kaufen

10000 HQ Instagram Follower 39,90 Euro - HQlike
https://hqlike.com/20000 HQ Instagram Follower • Verzal deze pagina
39,90 €
Einfach und bequem muss Follower kaufen von echten Nutzer. Damit Ihr Instagram Account auf Reichweite und Bekanntheit gewinnt. Sie erhalten ...

Comprar Followes 1000 Seguidores Instagram - Comprar Followers
www.comprafollowes.es • Comprar Facebook Followers
100.000 Seguidores Instagram. 100.000 Seguidores para tu cuenta de Instagram. 100% Activos. Usuarios reales de Instagram. Entra en 24h horas. Cuentas de Instagram de todo el mundo. "Alguna duda, necesitas más? Contactanos 93 896 - Comprar Carrito Móvil al carrito ...

Comprar Seguidores 10.000 Seguidores Instagram - Comprar Followers
www.compraseguidores.co • Comprar Followers
10.000 Seguidores Instagram. 10.000 Seguidores por tu cuenta de Instagram. 100% Activos. Usuarios reales de Instagram. Entra en 24h horas. Cuentas de Instagram de todo el mundo. "Alguna duda, necesitas más? Contactanos 93 896 - Comprar Carrito Móvil al carrito ...

Comprar seguidores Instagram - El sitio N° 1 para comprar seguidores ...
https://instagram.compraseguidores.com • Traducir esta página
48 hs. de efectuar la compra y sin necesidad de que brinde su contraseña. Luego de comprar seguidores Instagram vera que los seguidores se añaden progresivamente, durante el turno de varias horas. En el caso de compras de 10,000 o más seguidores, el añadido es más paulatino y se requieren varios días para...
What “customers” can do on YouTube

We put your video on TOP 5 YouTube for 7000Euro
What we expect from Normal Accounts vs Bots?

• (1-Norm) \(\approx\) Anomaly
• Now it doesn’t works, there is no such line, it’s kind of fuzzy
Bots is a buzzword but what about real people?
Уважаемые соседи!

Дорогому до вашего сведения, что уже начался инцидент, который происходит из-за несанкционированного доступа к нашему жилищному комплексу. Мы обращаем внимание всех жильцов на своеобразный процесс, который происходит на территории нашего района.

наше решение

https://www.change.org/ru/1089187177#recruiter=23881771&fm=medium-copylink&utm_campaign=share-petition

Подпишите петицию президенту РФ об остановке

http://moscowtoday.ru/d/518623

#BHEU / @BLACK HAT EVENTS

black hat
EUROPE 2017

counts.
Properly counting votes in online voting is harder than it seems.
Tweets for sale
Click Farm
Erase Bad stories from the Web
Need your own Breaking news?

The Breaking News Generator - Today's top story... you! Or, whatever you want. Add your pic, write the headline and we'll go live to the scene. Sort of.

Headline
Write your story here...

Ticker
Fill out the ticker with the latest updates...

Your Image
Choose File  No file chosen

LIVE

BREAKING NEWS
SOMETHING WENT VIRAL ONLINE
16:47 "IS THIS REALLY NEWS?" ASKS COMMENTER | 5 MILLION RETWEETS IN 1 HOUR ALREADY

Download  Post to Facebook  Post to Twitter  Post to Tumblr  Upload to imgur

By @JonathanEx. Find more dumb stuff like this!
Case Studies
Fake News VS stock price in China
China accused of Sars cover-up

Staff and agencies
Wednesday 9 April 2003 17:18 BST

A senior Chinese doctor today accused his government of covering up details about the spread of severe acute respiratory syndrome (Sars), while a Beijing hospital was shut down, reportedly because medical staff became infected. Even as state media repeated the government’s claim that the outbreak is under control, the health ministry said officials from throughout China had been summoned to Beijing to discuss efforts to counteract Sars.
Exploring twitter-space with graphs
Facebook will be blocked in RU 2013

Federal antimonopoly service threaten to block Facebook, due to Adv of Smoking Blends,
Earning on the collapse of shares - step-by-step guide

Hello, GRAPE.

Before describing the scheme - I want to mention that neither I nor the administration of the channel calls in any way to do this and the article is only for acquaintance!

There are so many ways to make a profit in the investment market, one of them is a downgrading game. Such deals are called “Short”, short trades on a certain time interval. Players who play on slide are called “Bears”. Today we will inducing in the skin of a bear and make the theme that every child dreams about after watching the movie “The Wolf from Wall Street”.

Let’s consider the example of “Shorts” on promotions, which would be understandable about what it is. Suppose the balance on your brokerage account is 100,000 rubles. You received a signal to lower the shares of a certain company “X” and you decide to sell these shares at the current price (100 rubles per share) in the amount of 100,000 rubles (1,000 shares). After the transaction on your brokerage account appears:

- Assets: 200,000 rubles (100,000 rubles + 1,000 shares * 100 rubles).
- Liabilities: the obligation to return 5,000 shares of company “X”.

After a while, the stock price fell to 90 rubles (10%), you buy 1,000 shares and return them to the company. As a result, you have:

- Assets: 200,000 rubles + (1,000 shares * 100 rubles - 1,000 shares * 90 rubles) = 210,000 rubles.

On the fall of shares by 10%, you earned 10,000 rubles. In this example, the percentage for transferring a short position is not taken into account, and of course, a commission.

#BHEU / @BLACK HAT EVENTS
Facebook 2013?

The story
From 2013...

When choosing a patient, we really liked one of the largest social networks Facebook, since we already built the development of events in my head, but about it later. How can you implement an artificial drop in the market? We already heard about the fake spam mailing, which failed the Apple stock, just heard about the fictional deaths in the media and much more. We could gather databases and organize mass spam from shells to any company, but this is an ancient century and a well-developed theme.

Preparing a bomb for Facebook

For the idea was taken the following! In the courtyard there was a year 2013 and the network of the banned sites was actively working, which included many conscientious projects. The situation with the US was strained, as the Ukrainian conflict has already begun to develop, if someone does not know. Our task was to:

1. Create a left site with child poro or drugs. We draw a high-quality lending page with contacts in which the project is responsible and the project itself must inspire confidence (that it really works).
2. We add this site to the list of banned through the form here eais.rkn.gov.ru, within 3 days it is made, maybe earlier. We did with shit, FSKN immediately brought this resource.
3. Now the most important ingredient! So, now we need to create an advertising company on FB, undergo a moderation and make a huge outlay of advertising on the muzzle with drugs. Next, we quickly send the information to the register of prohibited sites, FSKN and other structures. Resource banyat from the Russian Federation and we make a release in the media that the guys are chopped off from Russia. Look, the annual income from FB advertising in Russia was $ 800,000,000 per year, the audience from Russia is huge. Here even a fool will understand that such a thing will not burn.

#BHEU / @BLACK HAT EVENTS
Russian MoD to probe meme-triggering video game screenshot attached to Syria statement

Russia posts video game screenshot as 'proof' of US helping IS

Russia's Ministry of Defence has posted what it called "irrefutable proof" of the US aiding so-called Islamic State - but one of the images was actually taken from a video game.
How the Pentagon Spun Hurricane Maria

U.S. officials inadvertently included a Bloomberg reporter on an internal email list. Here's a glimpse into their bid to put relief efforts in a positive light.

By Christopher Flavelle

Sept. 28: Eight days after Maria hit, coverage of the federal government’s response is getting more negative.

The Government Message: Pentagon officials tell staff to emphasize “coverage of life-saving/life-sustaining operations” and for spokespeople to avoid language about awaiting instructions from FEMA, “as that goes against the teamwork top-line message.”

Sept. 29: San Juan Mayor Carmen Yulín Cruz criticizes Washington’s spin, calling Puerto Rico a “people-are-dying story.”

The Government Message: FEMA talking points ignore Cruz, instructing its officials to say that “the federal government’s full attention is on Hurricane Maria response.”
Detection approaches
Detecting bot communities by account parameters

- Account lifetime
- Avatars
- Comments
- Following
- Followers
- Isolated communities
- Account lifecycle
- Timing evaluation (race conditions) real staff starts slowly
- Groups of users cluster into individual group and only talk to each other

Also - generative user names oddness in profile data
Detecting bot communities by information distribution behavior

• Posting speed
• Active hours (how many of you work 24/7)
• Simultaneous activity on promoting topics
• (timing evaluation (race conditions) real staff starts slowly)
• Triggering points (how bots following botmaster)
• Spotting botmaster
• Communities
Detecting bot users

• Groups of users sharing the same content in random order
• Groups of users share similar properties in profile (or images)
• Timing evaluation (race conditions) real staff starts slowly
• Groups of users cluster into individual group and only talk to each other
import community
import networkx as nx
import matplotlib.pyplot as plt
import sys

#better with karate_graph() as defined in networkx example.
#erdos renyi don't have true community structure
G = nx.read_gml(sys.argv[1])

#first compute the best partition
partition = community.best_partition(G)

drawing
size = float(len(set(partition.values())))
pos = nx.spring_layout(G)
count = 0.
for com in set(partition.values()) :  
    count = count + 1.
    list_nodes = [nodes for nodes in partition.keys()  
                    if partition[nodes] == com]

print list_nodes
Donald Trump vs Covfefe
Trump Bot Followers

: http://tapbots.com/software/tweetbot/mac

https://github.com/reneezha/testbot

https://github.com/stephanieerin/quotebot

https://github.com/IanMoritz/TrumpTwitterSpellCheck

http://codeforces.com

module.exports = {
  consumer_key: 'yJ1hVJqrxu3b6iNjguQnZbmWN',
  consumer_secret: 'OHGSxCuMpVoL7PqBANXJW0Cw4b0SrlZ0dSey1sUkTiouwiAAH',
  access_token: '813792304091852800-AvhF7x98QmKmzGWQsWqW6CEdWid0Jdo9',
  access_token_secret: 'HD17XTCrA8yi8q98Wu6PMXMcnrWOGNyd0BjipW58J2V',
  timeout_ms: 60 * 60 * 1000
};

https://github.com/matthewmcsveickar/oblique-questions-bot

https://github.com/PublicDesignWorkshop/FeministTrumpBot
Exploring Twitter-Space with Graphs

- Slice (by keywords, and hour of event)
- Convert to Graph (GML)
- Sub-slices based on condition (i.e. retweeting/quotting users from 2017 only)
- Identify isolated communities
- Validate retweet/quote only-accounts as bots
"The last minute swing" effect

Noelle-Neumann first began studying this spiral of silence in the 1960s to help understand an extreme shift of public sentiment in a 1965 German election (Noelle-Newman, 1993). She noted a “last minute swing” in a neck-and-neck election that seemed to shift almost overnight as public opinion polls began to reveal a slight majority opinion. Noelle-Neumann likens the last minute swing phenomenon in political elections as “running with the pack” or a “go-along” mentality. What drives that mentality, Noelle-Neumann explains, is fear of isolation. “The fear of isolation seems to be the force that sets the spiral of silence in motion”

https://mospace.umsystem.edu/xmlui/bitstream/handle/10355/46589/research.pdf?sequence=1
Election tweets
So was the #MacronLeaks a bot fueled storm?
Some communities never talk to others.
And some Guru and the followers structure
Bots
Smart bots
Bot-assisted promotions
Bot assisted promotions
Manchester
The first hour of Manchester
NFL and take a Kneee ;-)}
Yalanda Lattimore

Award winning #superblogger #author and pioneer of digital publications and new media - follow #DryerBuzz Atlanta DryerBuzz.com #BreakfastwithDryerBuzz

@DryerBuzz

Tweet

"How many times have you found the product you wanted at the checkout ... I refused to stand in... fb.n"

Yalanda @DryerBuzz @DryerBuzz · 1h
fb.me/40lhSwghR
"The latest Moreno News! https://t.co/P5Abltm27Z #Americal #takeaknee","rotana","Sun May 17 13:38:45 +0000 2017","ru","Russia","Tue Sep 26 02:13:00 +0000 2017"

"RT @BillRus73270016: Proud to take a knee, and to stand tall against social injustice." #takeaknee #medsalloffreedom NFL #BillRussell... ,"ComrdCavFefe45","Sun Jul 09 18:47:10 +0000 2017","en","Russia","BillRus73270016","Mon Sep 25 16:54:07 +0000 2017","en",","Proud to take a knee, a nd to stand tall against social injustice." #takeaknee #medsalloffreedom NFL #BillRussell... https://t.co/4MTEz2H6QZ","Wed Sep 27 18:54:52 +0000 2017"

"RT @DonaldJTrumpJr: This didn’t age well. So I guess it’s not about free speech, it’s just about disrespecting America. nfl #NFLBoycott ht... ,"COLORING","Sun Oct 20 07:22:55 +0000 2013","en","Russia","DonaldJTrumpJr","Mon May 11 21:18:33 +0000 2009","en","FoxBusiness","Mon Jul 13 16:1 8:27 +0000 2009","en","This didn’t age well. So I guess it’s not about free speech, it’s just about disrespecting America. nfl #NFLBoycott ht... is://t.co/3dyGqkHKI7","Breaking News: @NFL to fine players that honored 9/11 victims with shoes. https://t.co/NISSP3CNs","Tue Sep 26 15:31:25 +0000 2017"


"RT @willis: Trump defends obsession with NFL: “I have plenty of time on my hands.” https://t.co/JkclU6sxk #takeaknee","NatalieGorden","Fri Jan 20 22:28:34 +0000 2017","ru","Russia","willis","Thu Apr 05 07:03:07 +0000 2007","en",","Trump defends obsession with NFL: “I have plenty of time on my hands.” https://t.co/JkclU6sxk #takeaknee","Tue Sep 26 18:38:57 +0000 2017"
This is the mindset of the people we are up against. They are VILE, DEPLORABLE & will turn us into a 3rd world country if we let them.
bots .. bots everywhere :)
Catalunya
Not a Russian Bot
• https://www.virusbulletin.com/conference/vb2014/abstracts/depth-analysis-abuse-twitter/
Conclusion
Q&A