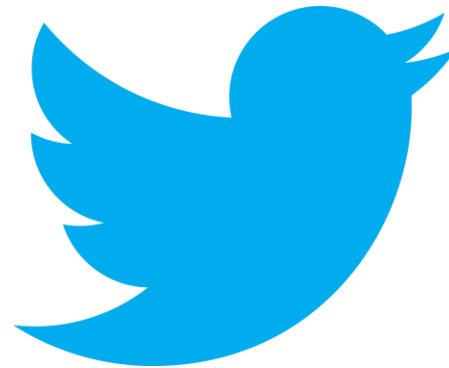# CYBER SECURITY

CONTENT

- Objective
- Last week
- Week 5
- Problems
- Next step

OBJECTIVE

"Collecting twitter feeds and making a risk analysis

to a profile through machine learning"

LAST WEEK

- Write code for extracting data

- Make profile for twitter users
  - Username, Screen name, Tweets, URL, Favourites etc.

- Revise research plan

- Datacamp

WEEK 5

- Write code
  - Extracting data in live
  - Extracting all of twitter data from specific user
  - Counting words, hashtags(#) (for extracting keywords)

- Revise research plan

WEEK 5

```
536
537  Create some noise.  | #IntelGroup|
538
539  LINK: https://t.co/TtyKBX4KPJ https://t.co/3gZpqV8Ecy2018-02-01 12:05:05Anon_NorwayCIA whistleblower Jeffrey Sterling released from prison
     | #intelgroup https://t.co/LO1SZF1T2d #FreeJeffreySterling #FreeAnons2018-01-31 18:26:15Anon_NorwayRT @theintercept: The U.K. government's
     mass surveillance powers were deemed unlawful in a court ruling that could force changes to the cou…2018-01-30 23:33:35Anon_NorwayRT
     @trevortimm: The case of Reality Winner—who is still being denied bail while Paul Manafort holidays in the Hamptons—continues to be a tr…
     2018-01-30 21:12:24Anon_NorwayRT @theintercept: Paul Manafort has millions of dollars at his disposal and owns three passports, yet he was
     granted bail and given permiss…2018-01-30 12:42:49Anon_NorwayRT @t0p_100: UNLAWFUL!! ILLEGAL!!
540
541  UK mass digital surveillance regime ruled unlawful
542
543  https://t.co/m4q8EoX7S52018-01-29 18:46:15Anon_NorwayRT @freeBogatov: Russian math teacher Dmitry Bogatov to be cleared of extremism
     charges https://t.co/YzOcs3rdJg #freeBogatov #KAction #info…2018-01-29 18:46:09Anon_NorwayRT @freeBogatov: Freedom for Tor-loving Russian
     mathematician Dmitry Bogatov https://t.co/u3Rqj8tHiI #freeBogatov #KAction #infosec2018-01-28 19:34:34Anon_NorwayRT @bjwinnerdavis: Not
     just on Sunday, but everyday I pray for my daughter's release. #RealityWinner #FreeRealityWinner https://t.co/D1yTHs…2018-01-28
     12:56:55Anon_NorwayRT @freeBogatov: #Breaking
544  "Computer experts" didn't find any evidence of extremism or terrorism in any of the gadgets confiscated from Dmi…2018-01-28
     12:56:31Anon_NorwayRT @meduza_en: Somebody "incited terrorism" using his Tor exit node. After six months under house arrest, apparently
     police have finally de…2018-01-23 14:50:13Anon_NorwayRT @BarrettBrown_: Just a reminder that we've yet to learn what a sitting president
     would have to do to lose the allegiance of tens of mill…2018-01-22 16:51:15Anon_NorwayRT @DanielEllsberg: I encourage insiders who know we
     are being sold war with North Korea on false pretenses: consider doing what I should h…2018-01-21 17:36:03Anon_NorwayCopyright Trolls
     Obtained Details of 200,000 Finnish Internet Users https://t.co/jFrAW2JEFU2018-01-21 15:13:12Anon_NorwayRT @SomersetBean: "It all started
     by me getting more and more annoyed about how corrupt and cold blooded the US Government are so I decided…2018-01-21 15:12:09Anon_NorwayRT
     @RadicalTMovie: Stimulate your mind. Forget the Sunday Morning news shows and watch @birgittaj in full flow talking CyberSec, PiratePart…
     2018-01-21 00:01:41Anon_NorwayChina Seriously Doubts Objectivity of US 'Pirate Site' List https://t.co/m3aLrgWZqw2018-01-19
     19:03:00Anon_NorwayVIDEO: Max Mogren with @BarrettBrown_ discussing the #Pursuance Project https://t.co/rBiPBFQCmf2018-01-19
     02:56:28Anon_NorwayRT @xychelsea: officially on the ballot! 😎🌈❤️ #WeGotThis https://t.co/xn4k74SZPc https://t.co/5E10eN18eS2018-01-19
     00:50:02Anon_NorwaySomehow my very personal wet dream actually made the papers. Wow! How cool is that!. 'Stormy Daniels Once Claimed S…
     https://t.co/IrRx36ZSHg2018-01-18 18:36:47Anon_NorwayRT @hrw: As we mark the 70th anniversary of the Universal Declaration of Human Rights
     this year, download a free copy of the 2018 World Rep…2018-01-17 00:28:47Anon_NorwayHere is @UptheCypherPunx a few years ago ;) with Chris
     Hedges who is now live with the @WSWS_Updates talking about… https://t.co/ugNgmuiZlp2018-01-16 23:55:16Anon_NorwayRT @zenalbatross: Other
```

WEEK 5

7409

7410 | Don't spread unconfirmed rumors. Don't be like Jacob. https://t.co/mfL37iMdgU2018-04-03 05:38
big tent collapses: private Discord posts offer an honest look at a perpetually dishonest mov
04:23:38AnonyInfoRT @Hatewatch: Show me the money: Lawyers in libel lawsuit seek to examine f
and Daily Stormer https://t.…2018-04-03 04:21:09AnonyInfoRT @thedailybanter: Frightening Stat
Liberals Must Gear Up For The Fight Of Their Lives https://t.co/iqCoX7qVdI…2018-04-03 04:14:5
Anglin receives donations for his neo-Nazi website through a company called Moonbase Holdings
04:09:30AnonyInfoRT @splcenter: Chris Cantwell screamed for milk to rinse out his eyes after
Charlottesville. Then, he posted a tear…2018-04-03 04:06:52AnonyInfoRT @IGD_News: Armed membe
threatened citizen's arrest against protesters who successfully shut down a Joe Arp…2018-04-0
@RightWingWatch: Chuck Baldwin says that it is a "biblical requirement" for everyone to own a
who don…2018-04-03 04:00:15AnonyInfoRT @RightWingWatch: Wayne LaPierre says an expansive inte
was "granted by God to all Americans."

7411

7412 | Much o…2018-04-03 03:59:22AnonyInfoRT @IGD_News: Lie-lord conspiracy theory that the Parkland
was born on 4chan's /pol/ and then migrated to…2018-04-03 03:59:09AnonyInfoRT @IGD_News: Sacr
in the face of shooting #StephonClark 20 times and then engaging in a hit and run aga…

WEEK 5

```
List of word frequency:
Counter({'': 30, '@weirdassppl': 9, 'rt': 7, 'to': 6, 'i': 5, 'a': 4, 'the':
3, 'my': 3, 'twitter': 3, 'of': 3, '@toomanyexploits': 3, 'that': 3, 'on': 3
'https://t.co/171zyfbqum': 2, 'time': 2, '@cyb3r_b0mb': 2, 'at': 2, 'like':
k': 2, 'laugh': 2, 'would': 2, 'see': 2, 'be': 2, 'used': 2, 'kids': 2, 'eve
a': 2, 'here': 2, 'with': 2, 'go': 2, 'have': 2, '@thehackersnews:': 1, 'for
s': 1, '5.5': 1, 'years': 1, 'in': 1, 'prison': 1, 'illegally': 1, 'taking':
1, '#hacking': 1, 'tools': 1, 'home—whic…': 1, 'hi': 1, '@cutestotters:': 1,
1, 'better': 1, 'then': 1, 'ever': 1, 'm8': 1, '😅': 1, 'not': 1, 'mad': 1,
e': 1, 'well': 1, 'single': 1, 'life': 1, 'sucks': 1, 'xd': 1, 'having': 1,
```

PROBLEMS

- Find way for handling the extracted data (huge&big)

- Distinguish unrelated keyword (the, a, is)

- Limited frequency for requests from twitter server (every 15 mins)

NEXT STEP

- Meet product owner to check progress
  - Specify sprint

- Revise research plan

Q&A