CYBER SECURITY

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3 INTRODUCTION

• What is the goal in this project?

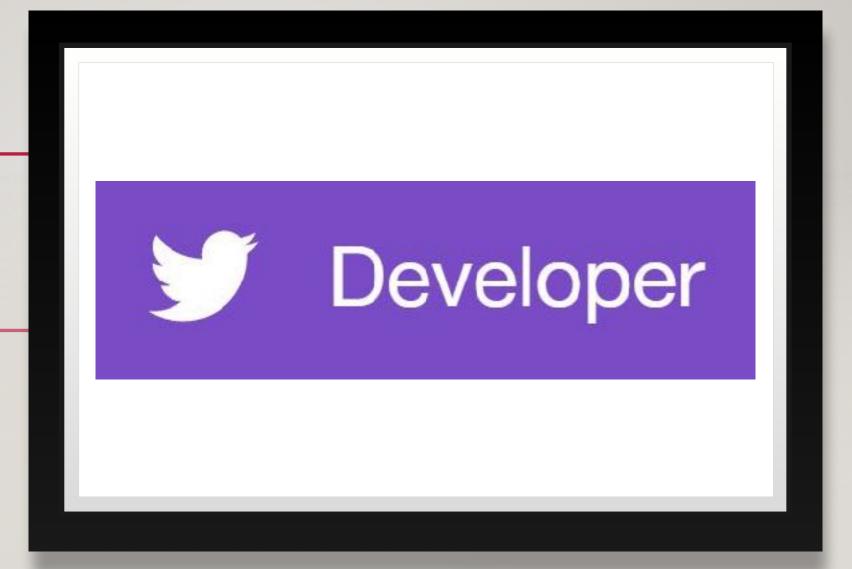
4 DEVELOPMENT

- Twitter Developer
- Hacktivist's Accounts
- Tweepy
- Data Collection

Data Filtering

Data Process

TWITTER DEVELOPER



HACKTIVIST'S ACCOUNTS

I witter accounts	
@10ocs	
@ AkincilarCW	
@Anon_Norway?	
@Anon_Root_217	
@Anon2earth?	
@AnonGhost07?	
@anonghost387	
@AnonGhostCJ?	
@AnonRisingIRC	
@ANONSPAIN2 ?	
@AnonyInto	
@AnonZomB	
(ØApex_Haxor	
@aprilighost	
@birlesik	
@CgAn Doemela?	

9 DATA COLLECTION

The user name is: @Akincilar(N

	Iweets	Name	Length	II)	I)ate	Source	Likes	RIS
0	من احترى مراجع وكالفرام العربي الماري مراجع وكالفرام العربي المراجع وكالفرام العربي الماري الماري الماري	Akincilar CW	92	1039757171751446848	2018-09-12 06.06.42	Twitter Web Client	0	8
1	مسوره البادي بالإخوان تنصدر مسمعة BBCArabic:	∧kincllarCW	139	1039757123905888256	2018 09 12 06:06:30	Twitter Web Client	0	19
2	الختراق موقع بكثاث أهام الشرق ا :RT @Elsanhory	∧kincilarCW	75	1039757024937091072	2018 09 12 05:06:07	Twitter Web Client	0	6
3	RT @BBCMonitoring: Egypt's official news agenc	AkincilarCW	140	1039756976249556992	2018-09-12 06:05:55	Twitter Web Client	0	12
4	سلجان المتراق مرقع وكالة أهاء الشر "HI @I Illady	AkincilarCW	140	1039756828115120128	2018-09-12 06:05:20	Lwitter Web Client	0	45
5	RT @3yyash: Middle East News Agency, the state	AkincilarCW	139	1039756800143360000	2018-09-12 06:05:13	Twitter Web Client	0	12
6	ماکرر اترکی رخارق و کا 4 آواه ۱. RT @RassdNewsN	Akincilar CW	140	1039756543313502208	2018-09-12 06.04.12	Twitter Web Client	0	9
7	اخارق هاكر ، وكالة أدباء الدرق :RassdNewsN	AkincilarCW	140	1039756367115022336	2018-09-12 06:03:30	Twitter Web Client	0	24
8	ذلك الهيدة الرطانية المسعادة في م :RT @alkhames	∧kincilarCW	140	1039756181164699648	2018 09 12 06:02:45	Twitter Web Client	0	113
9	RT @CyberWarriorTIM: Turk Hackerlar Mısır Resm	AkincilarCW	127	1039755113879748608	2018-09-12 05:02:29	Twitter Web Client	0	17

10 DATA FILTERING

```
Out[20]: ['sentimenttext',
          'is so sad for my apl triend'.
          'i missed the new moon trailer',
           'oug its already o',
           omgaga im soco im gunna cry i ve been at this dentist since i was suposed just get a crown put on mins',
          'i think mi bf is cheating on me t t'.
           'or i just worry too much',
          'juunuuuuuuuuuuuuuussssst chillin',
           'sunny again work tomorrow to tonight',
          'handed in my uniform today i miss you already',
          'hommum i wander how she my number',
          'i must think about positive'.
           'thanks to all the haters up in my face all day',
           'this weekend has sucked so far',
           'jb isnt showing in australia any more',
           'ok thats it you win',
           'this is the way i feel right now',
           'awhhe man i m completely useless rt now funny all i can do is twitter'.
           'feeling strongely fine now i migonna go listen to some semisonic to celebrate',
          'huge roll of thunder just now so scary',
          'i just out my beard off it s only been growing for well over a year i m gonna start it over is happy in the meantime',
           "very sad about iran",
           "wompppp wompp",
          'you re the only one who can see this cause no one else is following me this is for you because you re pretty awesome',
          'sad level is i was writing a massive blog tweet on myspace and my comp shut down now it s all lost lays in fetal position',
          'headed to hospitol had to pull out of the golf tourny in nd place i think i re ripped something year that',
```

DATA PROCESS

Cleaned Tweet	Stopped English words's Tweet
middle east news agency the state	['middle', 'east', 'news', 'agency', 'state',
news agency in egypt was hacked	'news', 'agency', 'egypt', 'hacked', 'seems',
by who seems to be a turkish hacker	'turkish', 'hacker', 'hacker', 'posted']
the hacker posted the	

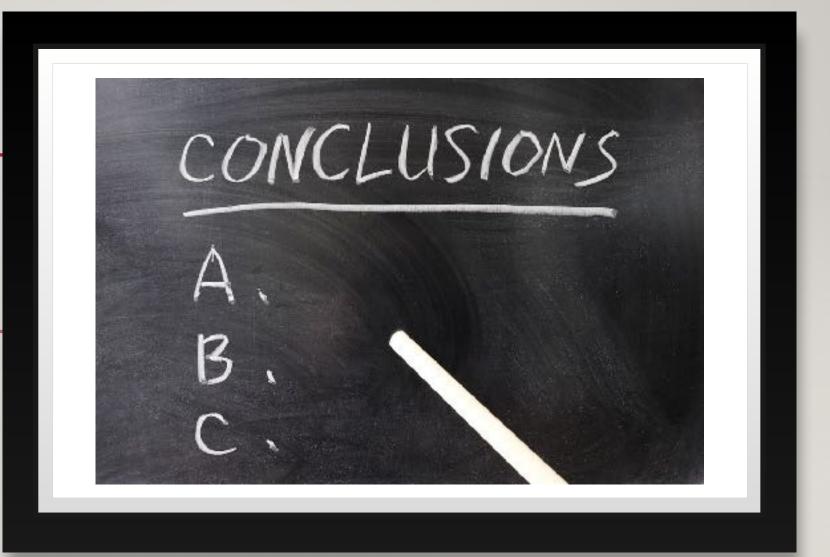
Likelihood
$$P(c \mid x) = \frac{P(x \mid c)P(c)}{P(x)}$$
Posterior Probability

Predictor Prior Probability

Predictor Prior Probability

$$P(c \mid X) = P(x_1 \mid c) \times P(x_2 \mid c) \times \cdots \times P(x_n \mid c) \times P(c)$$

CONCLUSIONS



Q&A