**AH Queries YouTube CrossPlatform –**

**TWITTER:**

**From the Elastic Dashboard of Twitter (from the PhD student/researcher in Italy) - Attached from Jan 2018 to April 2021.**

**Attached screenshots too:**

**Dashboard panel: Hashtags**

JusticeForJohnnyDepp AmberHeardIsAnAbuser JohnnyDepp AmberHeardIsALiar JohnnyDeppIsInnocent justiceforjohnnydepp AmberHeard Deppcember JusticeForJohhnyDepp FireAmberHeard BoycottFantasticBeasts DeppMovieNight JusticeforJohnnyDepp BoycottWarnerBros BoycottWarnerBrothers JohnnyDeppDeservesJustice NoJohnnyNoPirates JohnnyDeppIsMyGrindelwald MenToo WeAreWithYouJohnnyDepp johnnydepp johnnydeppisinnocent AmberHeardIsTheRealAbuser JohnnyDeppIsASurvivor WeStandWithJohnnyDepp

**Dashboard panel: Mentions**

Change realamberheard wbpictures YouTube warnerbros UKChange TheNamesQ LOrealParis USADior THR hbomax MyGrindelwald ThatBrianFella WBHomeEnt TheSun adam\_waldman TheInfamousOne6 Loreal LauraBockov Change\_Mex aquamanmovie Disney DailyMailCeleb ACLU StephenKing

It's also at our IP domain under login - <http://94.158.21.216:5601/app>.

**This is what Dr. Ali's team gathered recently (6-8 months after the Italian researcher):**

[**https://github.com/RescueSocialTech/Twitter-Analysis-Deeper-AH-SNA/blob/main/Twitter\_Visulizations.ipynb**](https://github.com/RescueSocialTech/Twitter-Analysis-Deeper-AH-SNA/blob/main/Twitter_Visulizations.ipynb)**- Attached**

**Top Hastag Trends**

In [ ]:

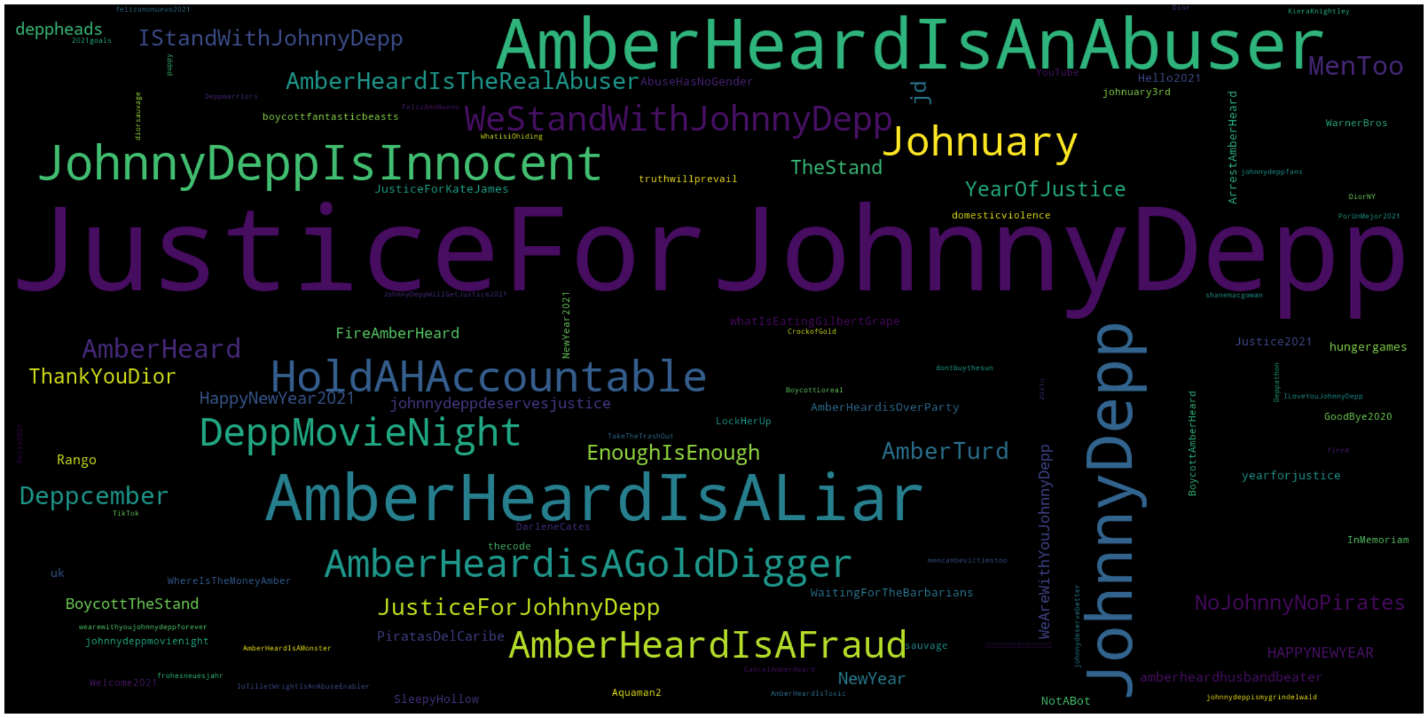
wordcloud **=** WordCloud(width**=**1600, stopwords**=**stopwords,height**=**800,max\_font\_size**=**200,max\_words**=**100,collocations**=False**, background\_color**=**'black')**.**generate(string)

plt**.**figure(figsize**=**(40,30))

plt**.**imshow(wordcloud, interpolation**=**"bilinear")

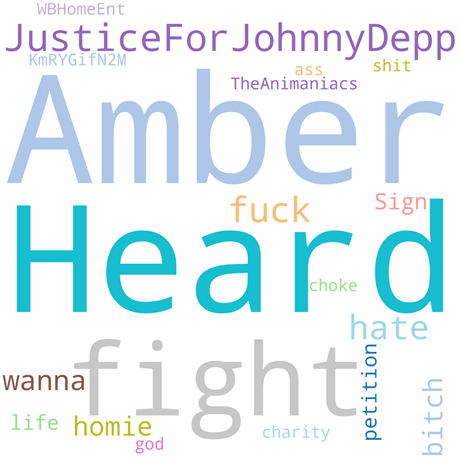
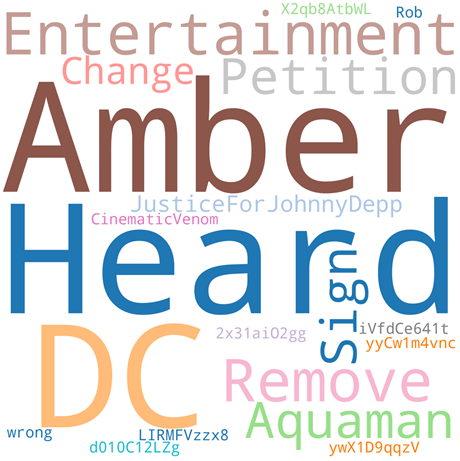
plt**.**axis("off")

plt**.**show()



**The 4 Bot Networks the Italian Researcher found show these hashtags (powerpoint attached):**

**This is from Peaks of February 2020 and November 2020.**



**Arsenal network  
(February)**

Most of the groups of accounts have expressed their desire not to see Amber in the upcoming Aquaman sequel.

Users belonging to one of these groups, however, show similarities, in this case about 30 users have a picture of the Arsenal team as their banner image.

**Movies network  
(February)**

This group stands out from the others because instead of focusing on the events, they just tweeted to offend Amber.

What's suspicious is that all 35 or so accounts have a picture from a movie as their banner image, mostly from DC.

**Mentions network  
(November)**

This group of 60 accounts in addition to the most used keywords and hashtags, shared words that didn't seem to make sense.

These are probably mentions to accounts, which anyway have very unusual screen\_names: tsAHuahu6E, t4m4UWQ0S5 etc..

**Mentions network (part 2)  
(November)**

Similar to the previous group, this group of 50 accounts also shared meaningless keywords.

**INSTAGRAM:**

**Here is a list where we did 'negative words' investigations on Instagram (since overall it appeared more positive in the millions of texts, I asked them to look closer into the beginnings of 'threat analysis.' -**

Threat Analysis -

<https://github.com/RescueSocialTech/SNA-AH-Case-Instagram/blob/main/Threat%20Analysis.ipynb>

**KEYWORDS**

* [**KEYWORDS**](https://notebooks.githubusercontent.com/view/ipynb?browser=chrome&color_mode=auto&commit=26277fcf136550a7b50c966b0fb5bbc14f2e9307&device=unknown_device&enc_url=68747470733a2f2f7261772e67697468756275736572636f6e74656e742e636f6d2f526573637565536f6369616c546563682f534e412d41482d436173652d496e7374616772616d2f323632373766636631333635353061376235306339363662306662356262633134663265393330372f546872656174253230416e616c797369732e6970796e623f746f6b656e3d414e4746475734465259364f484f45365a4c4c33324833425744503757&logged_in=true&nwo=RescueSocialTech%2FSNA-AH-Case-Instagram&path=Threat+Analysis.ipynb&platform=windows&repository_id=423724944&repository_type=Repository&version=96#key)
* [THREAT KEYWORDS](https://notebooks.githubusercontent.com/view/ipynb?browser=chrome&color_mode=auto&commit=26277fcf136550a7b50c966b0fb5bbc14f2e9307&device=unknown_device&enc_url=68747470733a2f2f7261772e67697468756275736572636f6e74656e742e636f6d2f526573637565536f6369616c546563682f534e412d41482d436173652d496e7374616772616d2f323632373766636631333635353061376235306339363662306662356262633134663265393330372f546872656174253230416e616c797369732e6970796e623f746f6b656e3d414e4746475734465259364f484f45365a4c4c33324833425744503757&logged_in=true&nwo=RescueSocialTech%2FSNA-AH-Case-Instagram&path=Threat+Analysis.ipynb&platform=windows&repository_id=423724944&repository_type=Repository&version=96#threat)
* [THREAT ANALYSIS](https://notebooks.githubusercontent.com/view/ipynb?browser=chrome&color_mode=auto&commit=26277fcf136550a7b50c966b0fb5bbc14f2e9307&device=unknown_device&enc_url=68747470733a2f2f7261772e67697468756275736572636f6e74656e742e636f6d2f526573637565536f6369616c546563682f534e412d41482d436173652d496e7374616772616d2f323632373766636631333635353061376235306339363662306662356262633134663265393330372f546872656174253230416e616c797369732e6970796e623f746f6b656e3d414e4746475734465259364f484f45365a4c4c33324833425744503757&logged_in=true&nwo=RescueSocialTech%2FSNA-AH-Case-Instagram&path=Threat+Analysis.ipynb&platform=windows&repository_id=423724944&repository_type=Repository&version=96#threat_analysis)
* [HATE SPEECH ANALYSIS](https://notebooks.githubusercontent.com/view/ipynb?browser=chrome&color_mode=auto&commit=26277fcf136550a7b50c966b0fb5bbc14f2e9307&device=unknown_device&enc_url=68747470733a2f2f7261772e67697468756275736572636f6e74656e742e636f6d2f526573637565536f6369616c546563682f534e412d41482d436173652d496e7374616772616d2f323632373766636631333635353061376235306339363662306662356262633134663265393330372f546872656174253230416e616c797369732e6970796e623f746f6b656e3d414e4746475734465259364f484f45365a4c4c33324833425744503757&logged_in=true&nwo=RescueSocialTech%2FSNA-AH-Case-Instagram&path=Threat+Analysis.ipynb&platform=windows&repository_id=423724944&repository_type=Repository&version=96#hate_analysis)

**Human Trafficking Keywords**

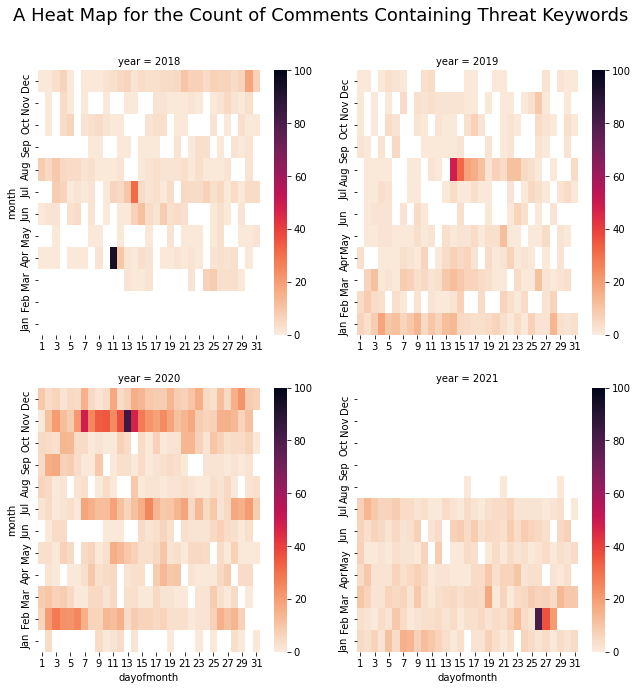
* [**Human Trafficking Keywords**](https://notebooks.githubusercontent.com/view/ipynb?browser=chrome&color_mode=auto&commit=26277fcf136550a7b50c966b0fb5bbc14f2e9307&device=unknown_device&enc_url=68747470733a2f2f7261772e67697468756275736572636f6e74656e742e636f6d2f526573637565536f6369616c546563682f534e412d41482d436173652d496e7374616772616d2f323632373766636631333635353061376235306339363662306662356262633134663265393330372f546872656174253230416e616c797369732e6970796e623f746f6b656e3d414e4746475734465259364f484f45365a4c4c33324833425744503757&logged_in=true&nwo=RescueSocialTech%2FSNA-AH-Case-Instagram&path=Threat+Analysis.ipynb&platform=windows&repository_id=423724944&repository_type=Repository&version=96#htraff)
* [Crime Keywords](https://notebooks.githubusercontent.com/view/ipynb?browser=chrome&color_mode=auto&commit=26277fcf136550a7b50c966b0fb5bbc14f2e9307&device=unknown_device&enc_url=68747470733a2f2f7261772e67697468756275736572636f6e74656e742e636f6d2f526573637565536f6369616c546563682f534e412d41482d436173652d496e7374616772616d2f323632373766636631333635353061376235306339363662306662356262633134663265393330372f546872656174253230416e616c797369732e6970796e623f746f6b656e3d414e4746475734465259364f484f45365a4c4c33324833425744503757&logged_in=true&nwo=RescueSocialTech%2FSNA-AH-Case-Instagram&path=Threat+Analysis.ipynb&platform=windows&repository_id=423724944&repository_type=Repository&version=96#crime)
* [Violence Keywords](https://notebooks.githubusercontent.com/view/ipynb?browser=chrome&color_mode=auto&commit=26277fcf136550a7b50c966b0fb5bbc14f2e9307&device=unknown_device&enc_url=68747470733a2f2f7261772e67697468756275736572636f6e74656e742e636f6d2f526573637565536f6369616c546563682f534e412d41482d436173652d496e7374616772616d2f323632373766636631333635353061376235306339363662306662356262633134663265393330372f546872656174253230416e616c797369732e6970796e623f746f6b656e3d414e4746475734465259364f484f45365a4c4c33324833425744503757&logged_in=true&nwo=RescueSocialTech%2FSNA-AH-Case-Instagram&path=Threat+Analysis.ipynb&platform=windows&repository_id=423724944&repository_type=Repository&version=96#viol)
* [Hate Speech Keywords](https://notebooks.githubusercontent.com/view/ipynb?browser=chrome&color_mode=auto&commit=26277fcf136550a7b50c966b0fb5bbc14f2e9307&device=unknown_device&enc_url=68747470733a2f2f7261772e67697468756275736572636f6e74656e742e636f6d2f526573637565536f6369616c546563682f534e412d41482d436173652d496e7374616772616d2f323632373766636631333635353061376235306339363662306662356262633134663265393330372f546872656174253230416e616c797369732e6970796e623f746f6b656e3d414e4746475734465259364f484f45365a4c4c33324833425744503757&logged_in=true&nwo=RescueSocialTech%2FSNA-AH-Case-Instagram&path=Threat+Analysis.ipynb&platform=windows&repository_id=423724944&repository_type=Repository&version=96#hate)

**A Heat Map for the Count of Comments Containing Threat Keywords**

In [30]:

title **=** 'A Heat Map for the Count of Comments Containing Threat Keywords'

facet\_heat(df\_threat, title, n\_col**=**2, vmax**=**100)



**Most Repeated Comments**

* [Heat Map](https://notebooks.githubusercontent.com/view/ipynb?browser=chrome&color_mode=auto&commit=26277fcf136550a7b50c966b0fb5bbc14f2e9307&device=unknown_device&enc_url=68747470733a2f2f7261772e67697468756275736572636f6e74656e742e636f6d2f526573637565536f6369616c546563682f534e412d41482d436173652d496e7374616772616d2f323632373766636631333635353061376235306339363662306662356262633134663265393330372f546872656174253230416e616c797369732e6970796e623f746f6b656e3d414e4746475734465259364f484f45365a4c4c33324833425744503757&logged_in=true&nwo=RescueSocialTech%2FSNA-AH-Case-Instagram&path=Threat+Analysis.ipynb&platform=windows&repository_id=423724944&repository_type=Repository&version=96#heatmap)
* [**Most Repeated Comments**](https://notebooks.githubusercontent.com/view/ipynb?browser=chrome&color_mode=auto&commit=26277fcf136550a7b50c966b0fb5bbc14f2e9307&device=unknown_device&enc_url=68747470733a2f2f7261772e67697468756275736572636f6e74656e742e636f6d2f526573637565536f6369616c546563682f534e412d41482d436173652d496e7374616772616d2f323632373766636631333635353061376235306339363662306662356262633134663265393330372f546872656174253230416e616c797369732e6970796e623f746f6b656e3d414e4746475734465259364f484f45365a4c4c33324833425744503757&logged_in=true&nwo=RescueSocialTech%2FSNA-AH-Case-Instagram&path=Threat+Analysis.ipynb&platform=windows&repository_id=423724944&repository_type=Repository&version=96#most_repeated)

neg\_dict **=** { 'kill': 4856,

'kill her': 161,

'kys': 147,

'kill amber': 124,

'kill yourself': 13,

'she’s trying to kill him': 2,

'she should kys': 2,

'go kys amber': 1,

'death': 1799,

' death': 1256,

'burn': 792,

' death ': 710,

'deserves it': 178,

'burn in hell': 63,

'go to hell': 105,

'go die': 18,

'gotohell': 5,

'to death amber': 2,

'burninhell': 2,

'death to amber': 1,

'deathtoamber': 1,

'diecunt': 1,

' deserves': 1947,

'ambich': 12,

'abus': 17574,

'abuse': 14013,

'shit': 9747,

'abuser': 8568,

'bitch': 5989,

'liar': 3134,

'stupid': 2412,

'amberheardisanabuser': 2033,

'fired': 1840,

'disgusting': 1545,

'abusing': 1155,

'bullshit': 1130,

"shut": 1025,

'amberheardisaliar': 776,

'amber turd': 731,

'cunt': 645,

'expos': 550,

'clown': 506,

'amberturd': 505,

'whor': 383,

'boycottamber': 329,

'boycottamberheard': 324,

'ambertheabuser': 167,

'amberheardisanabuserandliar': 144,

'amber abus': 121,

'amberisanabuser': 105,

'amber heard abus': 75,

'stupid ass': 55,

'scammer': 32,

'amber-heard-abus': 31,

'violencehasnogender': 16,

'exposingamberheard': 11,

'clawing': 8,

'fire amber': 113,

'fireamber': 356,

'fire her': 318,

'fireamberheard': 350,

'fireamberheardfromaquaman': 22,

'remove amber': 106,

'removeamber': 106,

'remove-amber': 198,

'removeamberheardsfromaquaman2': 57,

'removed': 315,

'fuck amber': 1115,

'fuck amber heard': 783,

'fuck her': 613,

'fuckamber': 518,

'#fuckamberheard': 489,

'fuckamberheard': 494,

'fuck off': 425,

'fuckthesun': 335,

'fuck that bitch': 182,

'fucking bitch': 160,

'fuck this bitch': 135,

'fuck you amber': 120,

'fucking abuser': 73,

'fuck @amberheard': 42,

'fuck you @amberheard': 39,

'fucking bullshit': 31,

'@amberheard fuck you': 23,

'fuck herself': 21,

'fuck u @amberheard': 16,

'fuck amber': 16,

'fuck amber herd': 14,

'fucked the right off': 1,

'beaten': 173,

'beaten up': 21,

'get raped': 15,

' raped': 158,

'victim': 3166,

'assault': 482,

'alcoholic': 170,

'aggressive': 145,

'fake victim': 33,

'aggressively pull': 5,

'amber lunge': 5,

'tugging': 5,

'assaulted johnny': 16,

'punched': 168,

'threw a vodka bottle': 14,

'vodka bottle': 59,

'violence': 1196,

'violent': 1017,

'petition': 865,

'domestic violence': 636,

'[change.org](http://change.org/)': 479,

'felony': 6,

'exposing her ass': 1,

'50 million': 70,

'7 million': 86,

'gold digger': 376,

'golddigger': 71,

'because she is a woman': 31,

'because she’s a woman': 51,

'how can you still have fans': 1,

"no one will believe you're a victim because you're a man": 1,

'jailforamberheard': 153,

'lawsuit': 209,

'jail': 1825,

'prison': 646}

Negative Text Python Notebook file -

<https://github.com/RescueSocialTech/SNA-AH-Case-Instagram/blob/main/Negative%20Posts%20Investigation.ipynb>

**Negative Text**

In [10]:

*# To Load the dictionary of negative text*

**with** open('negative\_text.pkl', 'rb') **as** f:

neg\_dict **=** pickle**.**load(f)

neg\_text **=** set()

**for** key **in** neg\_dict**.**keys():

neg\_text**.**add(key)

neg\_text

Out[10]:

{' death',

' death ',

' raped',

'#fuckamberheard',

'50 million',

'7 million',

'@amberheard fuck you',

'abus',

'abuse',

'abuser',

'abusing',

'aggressive',

'aggressively pull',

'alcoholic',

'amber abus',

'amber heard abus',

'amber lunge',

'amber turd',

'amber-heard-abus',

'amberheardisaliar',

'amberheardisanabuser',

'amberheardisanabuserandliar',

'amberisanabuser',

'ambertheabuser',

'amberturd',

'assault',

'assaulted johnny',

'beaten',

'beaten up',

'because she is a woman',

'because she’s a woman',

'bitch',

'boycottamber',

'boycottamberheard',

'bullshit',

'burn',

'burn in hell',

'burninhell',

'[change.org](http://change.org/)',

'clawing',

'clown',

'cunt',

'death',

'death to amber',

'deathtoamber',

'deserves it',

'diecunt',

'disgusting',

'domestic violence',

'expos',

'exposing her ass',

'exposingamberheard',

'fake victim',

'felony',

'fire amber',

'fire her',

'fireamber',

'fireamberheard',

'fireamberheardfromaquaman',

'fired',

'fuck amber',

'fuck @amberheard',

'fuck amber',

'fuck amber heard',

'fuck amber herd',

'fuck her',

'fuck herself',

'fuck off',

'fuck that bitch',

'fuck this bitch',

'fuck u @amberheard',

'fuck you @amberheard',

'fuck you amber',

'fuckamber',

'fuckamberheard',

'fucked the right off',

'fucking abuser',

'fucking bitch',

'fucking bullshit',

'fuckthesun',

'get raped',

'go die',

'go kys amber',

'go to hell',

'gold digger',

'golddigger',

'gotohell',

'how can you still have fans',

'jail',

'jailforamberheard',

'kill',

'kill amber',

'kill her',

'kys',

'lawsuit',

'liar',

"no one will believe you're a victim because you're a man",

'petition',

'prison',

'punched',

'remove amber',

'remove-amber',

'removeamber',

'removeamberheardsfromaquaman2',

'removed',

'scammer',

'she should kys',

'shit',

'shut',

'stupid',

'stupid ass',

'threw a vodka bottle',

'to death amber',

'tugging',

'victim',

'violence',

'violencehasnogender',

'violent',

'vodka bottle',

'whor'}

**REDDIT:**

<https://github.com/RescueSocialTech/SNA-AH-Case-Reddit/blob/main/sentiment_analysis_2021.ipynb>

wc **=** WordCloud(max\_font\_size**=**50, max\_

words**=**100, background\_color**=**"white")**.**generate\_from\_frequencies(frequency\_dict)

plt**.**figure(figsize**=**(15,10))

plt**.**imshow(wc)

plt**.**axis("off")

plt**.**show()



Some attachments are too large (links though sent):

Threat Analysis Instagram:

[**[](https://drive.google.com/file/d/1APvb-2gyzaLD8u7eYvuuqQJUH2XZjUdZ/view?usp=drive_web) screencapture-github-RescueSocialTech-SNA-AH-Ca...**](https://drive.google.com/file/d/1APvb-2gyzaLD8u7eYvuuqQJUH2XZjUdZ/view?usp=drive_web)

Reddit Sentiment 2021:

[**[](https://drive.google.com/file/d/1y4d8jq9MuF056D0Iub3dkU85_k4s9VpE/view?usp=drive_web) screencapture-github-RescueSocialTech-SNA-AH-Ca...**](https://drive.google.com/file/d/1y4d8jq9MuF056D0Iub3dkU85_k4s9VpE/view?usp=drive_web)