

Tarea Académica

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Caso de estudio: Asalto al Capitolio de Estados Unidos



Definición del problema

- **Contexto:** Desarrollo del extremismo político en redes sociales.
- **Pregunta:** ¿Cómo se comparan las reacciones en diferentes redes sociales a lo largo del incidente asociado al extremismo político más bochornoso de los últimos tiempos?
- **Datos a utilizar:** comentarios obtenidos de foros en la web

Objetivos

- Evaluar comentarios acerca del incidente a estudiar realizando las técnicas aprendidas a lo largo del curso.
- Analizar evolución de las relaciones entre palabras a lo largo del día de Asalto.
- Comparar comentarios obtenidos de reddit contra los del foro favorito de seguidores de Donald Trump.

Introducción

Fase I (12 - 14 pm)

Eventos

- Discurso de Trump desconociendo los resultados electorales.
- Senado sesionando sobre aceptación de resultados electorales.
- Congregación de seguidores de Trump hacia el capitolio.

Cronología

12pm:

Conferencia de Trump arengando a sus seguidores a marchar contra el capitolio

2pm:

Momentos previos a la irrupción del Capitolio por seguidores de Trump



Fase II (14 - 18 pm)

Eventos

- Asalto del capitolio.
- Evacuación de miembros del senado .
- Congregación de seguidores de Trump hacia el capitolio.

Cronología

2pm:

Primer reporte de protestantes queriendo ingresar al Capitolio rompiendo las ventanas

6pm:

Inicio de toque de queda en Washington D.C . Capitolio despejado de protestantes.



Fase III (18 - 21pm)

Eventos

- Último tweet de Trump invocando a sus seguidores ir a casa en paz glorificando su accionar.
- Redes sociales toman acción contra los actos provocados por en ese entonces presidente.

Cronología

2pm:

Primer reporte de protestantes queriendo ingresar al Capitolio rompiendo las ventanas

6pm:

Inicio de toque de queda en Washington D.C . Capitolio despejado de protestantes.



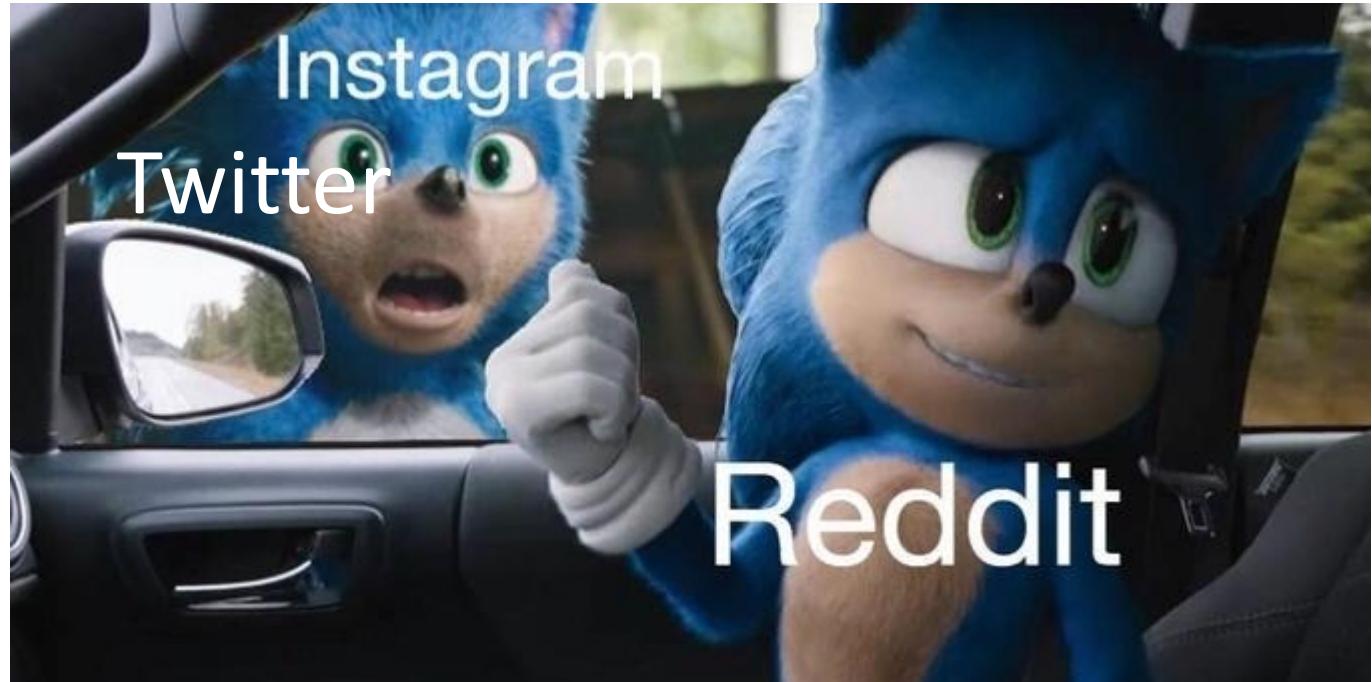
Recolección y limpieza de textos

Fuente : reddit.com



Sobre la fuente

- Colección masiva de foros.
- 18va página web más visitada en el mundo.
- Con gran influencia en el mundo digital (ej: Acciones de Gamestop)



Recopilación de datos

- Recolección de comentarios usando APIS PAWR (Obtención de comentarios y su metadata) y Pushshift.io (Obtención de Ids de todos los comentarios de un post)
- Selección de 4 posts creado el día de los sucesos pertenecientes a los subreddits r/politics y r/news.
- En total se recopilaron inicialmente 203038 comentarios.

Posts seleccionados

↑ Posted by u/PoliticsModeratorBot 29 days ago 

4.8k ↓ Discussion Thread: Joint Session of Congress for Counting of Electoral College Ballots | 01/06/2021 | Live - 1:00pm ET

Discussion

Fase 1

↑ Posted by u/PoliticsModeratorBot 29 days ago 

86.7k ↓  4 2 2 117 114 74 105 6 7 89 5 4 4 5

Megathread: US Capitol Locked Down as Trump Supporters Clash with Police, Pence Evacuated

Megathread

Fase 2
&
Fase 3

↑ Posted by u/RNews_Mod 29 days ago 

78.7k ↓ Megathread: Pro-Trump protesters storm US Capitol during certification of Electoral College votes

↑ Posted by u/PoliticsModeratorBot 28 days ago 

15.8k ↓ Megathread: US Capitol Locked Down as Trump Supporters Clash with Police, Pence Evacuated | Part II

Megathread

Primera fase

Selección de comentarios con mayor score

Yeah, I used to think it was pretty simple in this country: Break Law -> Get Arrested. Now it's fractured. Wealthy and White: Break Law -> Harshly written Op-ed. Poor and a Minority: Break Law -> Murdered in the Street

Did pence just tell him to shut the fuck up?

Mitch McConnell, just now: "The voters, the courts, the states have all spoken. They've all spoken. If we overrule them, it would damage our republic forever. Where was this rhetoric in the past year or so? If Dolt 45 is still objecting, and has crowds of Qultists supporting him now... It's because reality was not defended these past few years.

Nube de palabras



Ted Cruz



Ted Cruz is a piece of shit. Smug fucking bastard. And every one that applauded in the senate should take a good long hard look at themselves. They won't. But they should

Mitch McConnell



That was the first time I listened to Mitch McConnell and didn't think he was a complete piece of shit human being. Wow

Segunda fase

Selección de comentarios con mayor score

This is terrorism. It's crazy that terrorists, so long as they're white, are allowed to infiltrate the capitol and pose for photos. But this is terrorism. And the president created it. It can't wait until Jan 20 at noon, he needs to be impeached again and removed tonight or tomorrow

What strikes me, is once they have forced their way in, they have no plan, are completely clueless. It is a wonderful metaphor for Trump.

Trump literally just said "We love you. You're very special. to the terrorists attacking the US Capitol. He told them to go home, while continuing to fan their anger continually calling it "fraudulent election. What a fucking disgraceful, treasonous piece of shit.

Nube de palabras



Tercera fase

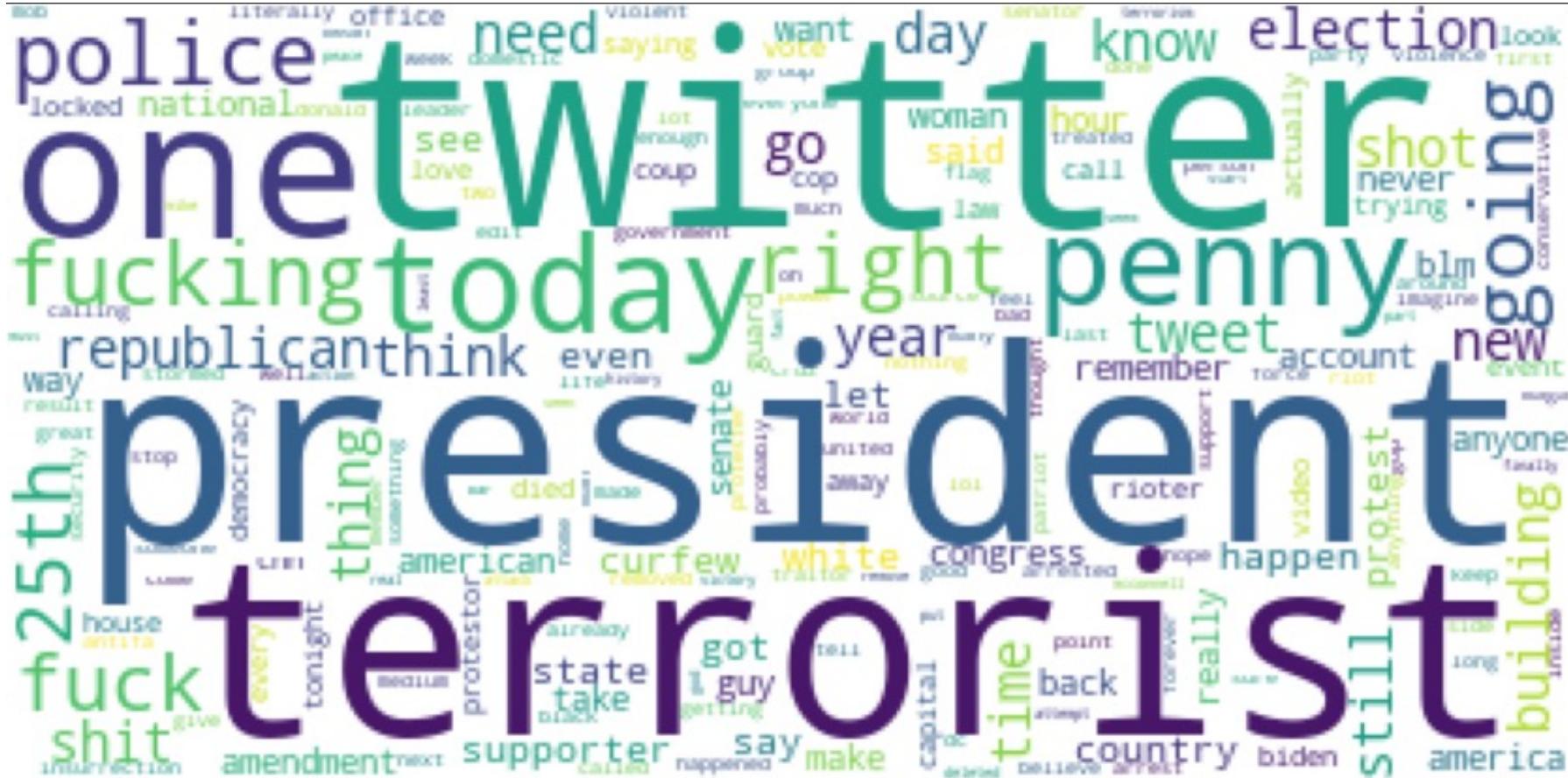
Selección de comentarios con mayor score

Remember when 4 years ago, the Left was mocked for "acting like Trump is going to destroy America"

14,000 people were arrested at the George Floyd protests... we have 13 confirmed today. Sounds about white.

Carrying blue lives matter flags while attacking police is an interesting tactic

Nube de palabras



Fuente: patriots.win



Sobre la fuente

- Uno de los principales foros de la alt-right.
- Sucesor espiritual de subreddit r/thedonald
- Antes del atentado del 6 de enero, se llamaba thedonald.win



Recopilación de datos

- Recolección de contenidos de páginas web (scrapping)
- Selección de 17 posts creados en los días posteriores de los eventos del 6 de enero.
- Entre los posts más comentados en el foro alt-right, asociados a las consecuencias del Asalto al Capitolio
- En total tras el scrapping se recopilaron 5042 comentarios.

Segmento de Posts seleccionados



8228



This MOVEMENT started with Trump. Who gives a fuck if he threw in the towel tonight after 5 years. He just spent 5 YEARS going solo against every supposed ally & the deep state. Do you need this guy to carry you forever? It's OUR turn now. He lit the way, we have to follow the path.

posted 27 days ago by AccipiterQ +8240 / -12



8090



TRUMP JUST GOT BANNED ON TWITTER ([twitter.com](#))

⌚ posted 26 days ago by r34l_Muffin +8093 / -3

[2201 comments](#) [share](#) [save](#) [hide](#) [report](#) [block](#) [hide child comments](#)



7651



Donald J. Trump... The 75,000,000 great American Patriots who voted for me, AMERICA FIRST, and MAKE AMERICA GREAT AGAIN, will have a GIANT VOICE long into the future. They will not be disrespected or treated unfairly in any way, shape or form!!! ([twitter.com](#))



posted 27 days ago by YourDaddyKnowsBest +7657 / -6



9319



I hope some of you have finally learned

posted 28 days ago by leo-bulero +9326 / -7

The left has no principles whatsoever. It's useless to try and resist their tyranny while trying to avoid their absurd accusations. No matter what you do, they'll accuse you of being what they really are (a violent fascist or something). If we demonstrate peacefully they'll call it an armed insurrection while they burn cities, murder children, and claim it is "mostly peaceful". Stop caring what leftists are going to say about you. They're communists who will promote whatever narrative

Comentarios con mayor score

The United States doesn't exist anymore

sorry but we will be treated unfairly in EVERY way, SHAPE, and FORM... Edit: that doesn't mean we fuck out. We fucking hold the line until the 20th. We fight until the fucking end

What Twitter did is literally a threat to national security. What if China sent a fucking nuke our way rn and he couldn't tell us? Edit: This site gives me much needed hope and sanity. I love you guys

It shows who is really on our side. It gets really demoralizing to see people backstab our movement the second it gets "violent". Shit wasn't even violent (beside the police shooting unarmed protesters). Btw fuck the blue.

Nube de palabras



Extracción de patrones y descripción de insights

Fuente : reddit.com



Extracción de patrones y descripción de insights

Resultados de aplicación de NER en Dataset de reddit por fase

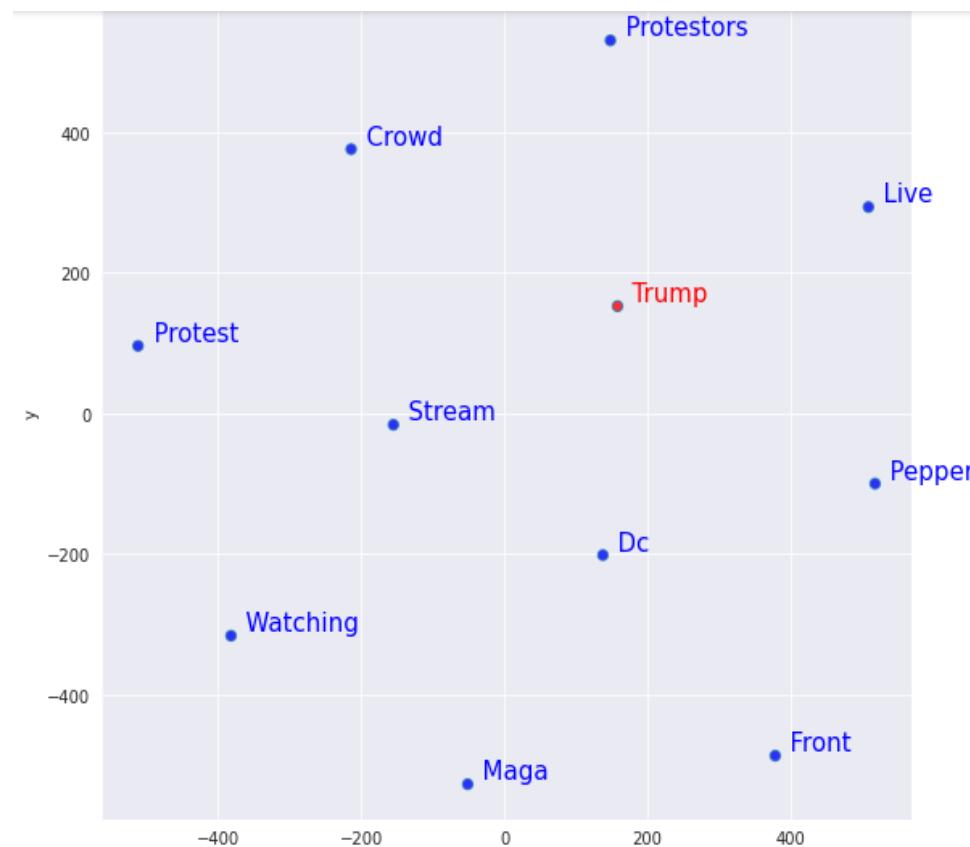
Entidad	Tipo de Entidad	#
Trump	ORG	594
Ted Cruz	PERSON	314
Mitch	PERSON	312
McConnel	PERSON	204
Republicans	NORP	186

Entidad	Tipo de Ent	#
Trump	ORG	2275
BLM	ORG	746
US	GPE	502
America	GPE	435
Capitol	ORG	396

Entidad	Tipo de Ent	#
Trump	ORG	1446
Twitter	NORP	342
BLM	GPE	227
US	NORP	179
CNN	ORG	177

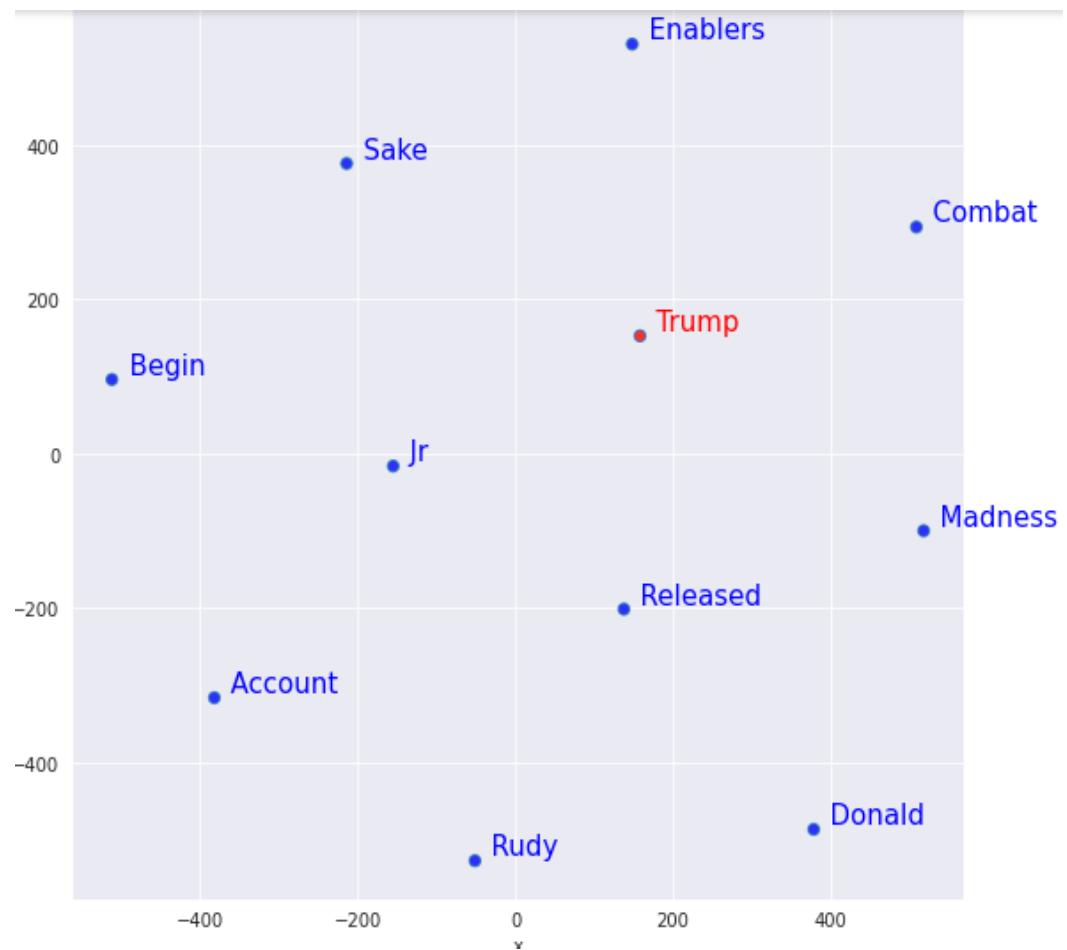
Palabras/Entidades correlacionadas (por fase)

Trump



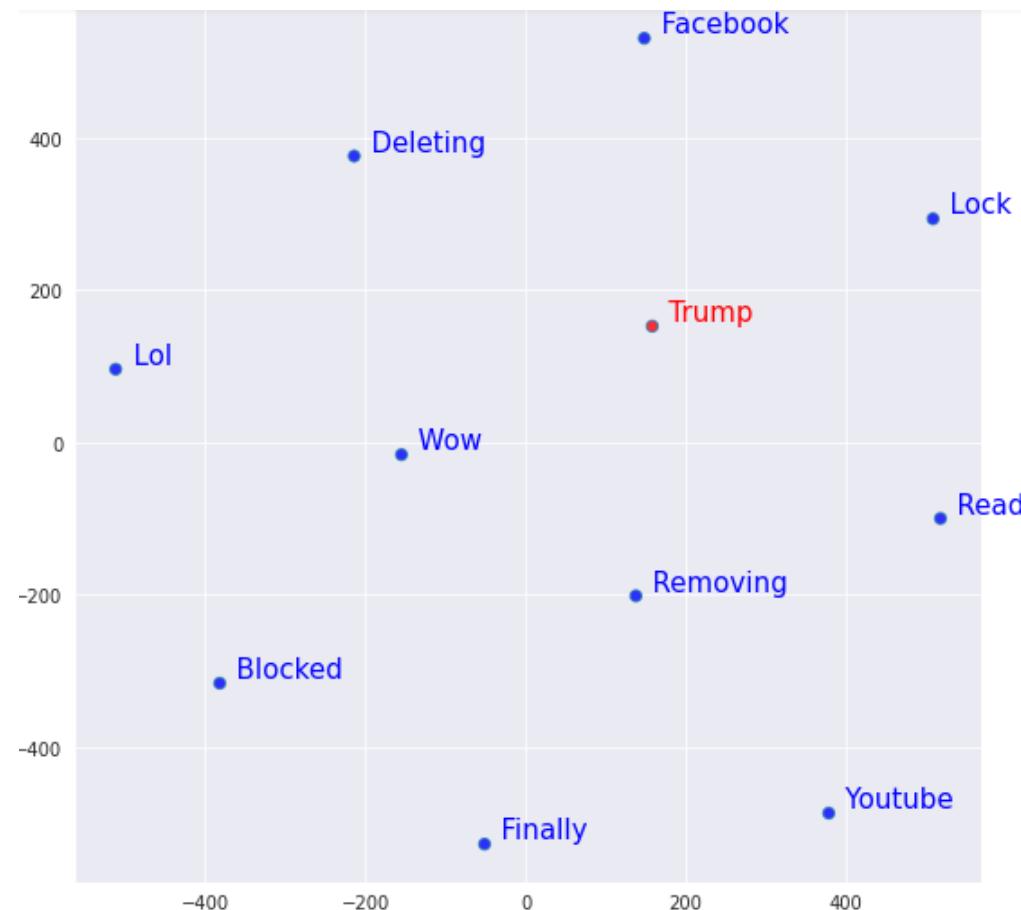
Palabras/Entidades correlacionadas

Trump



Palabras/Entidades correlacionadas

Trump



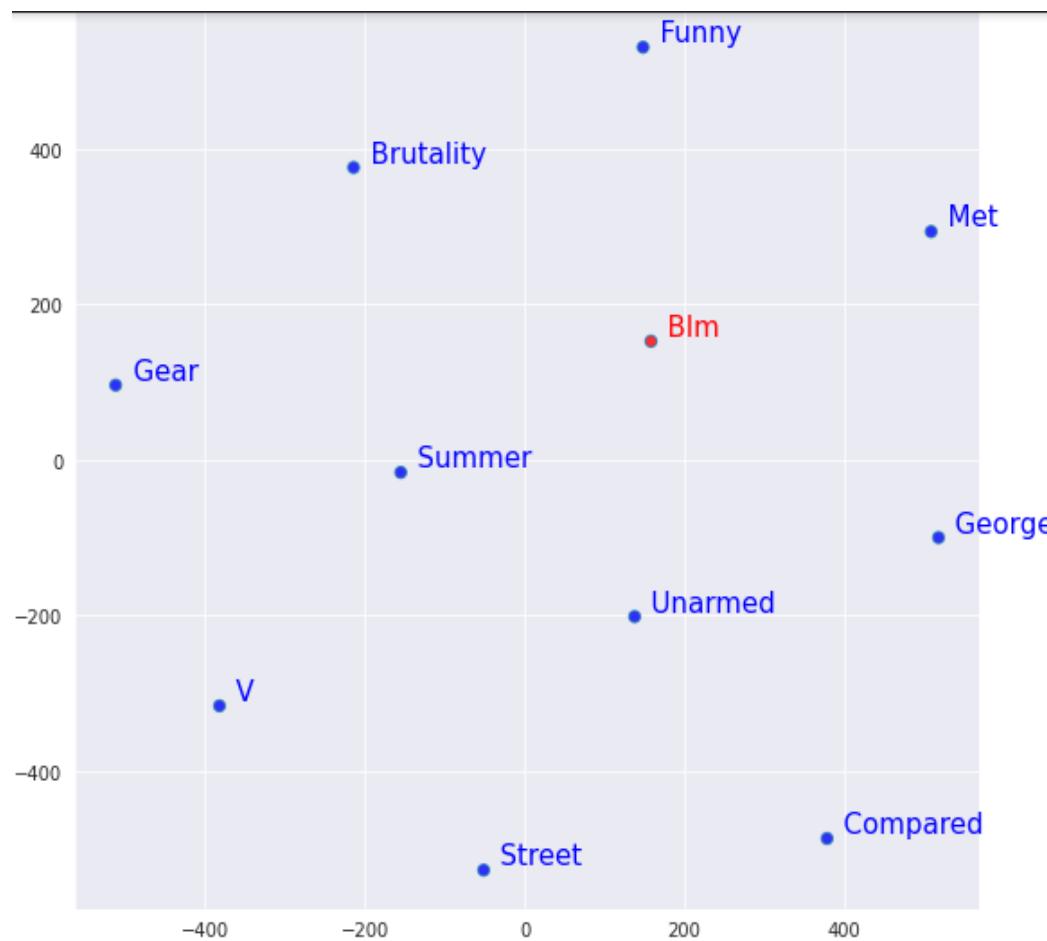
Palabras/Entidades correlacionadas

BLM



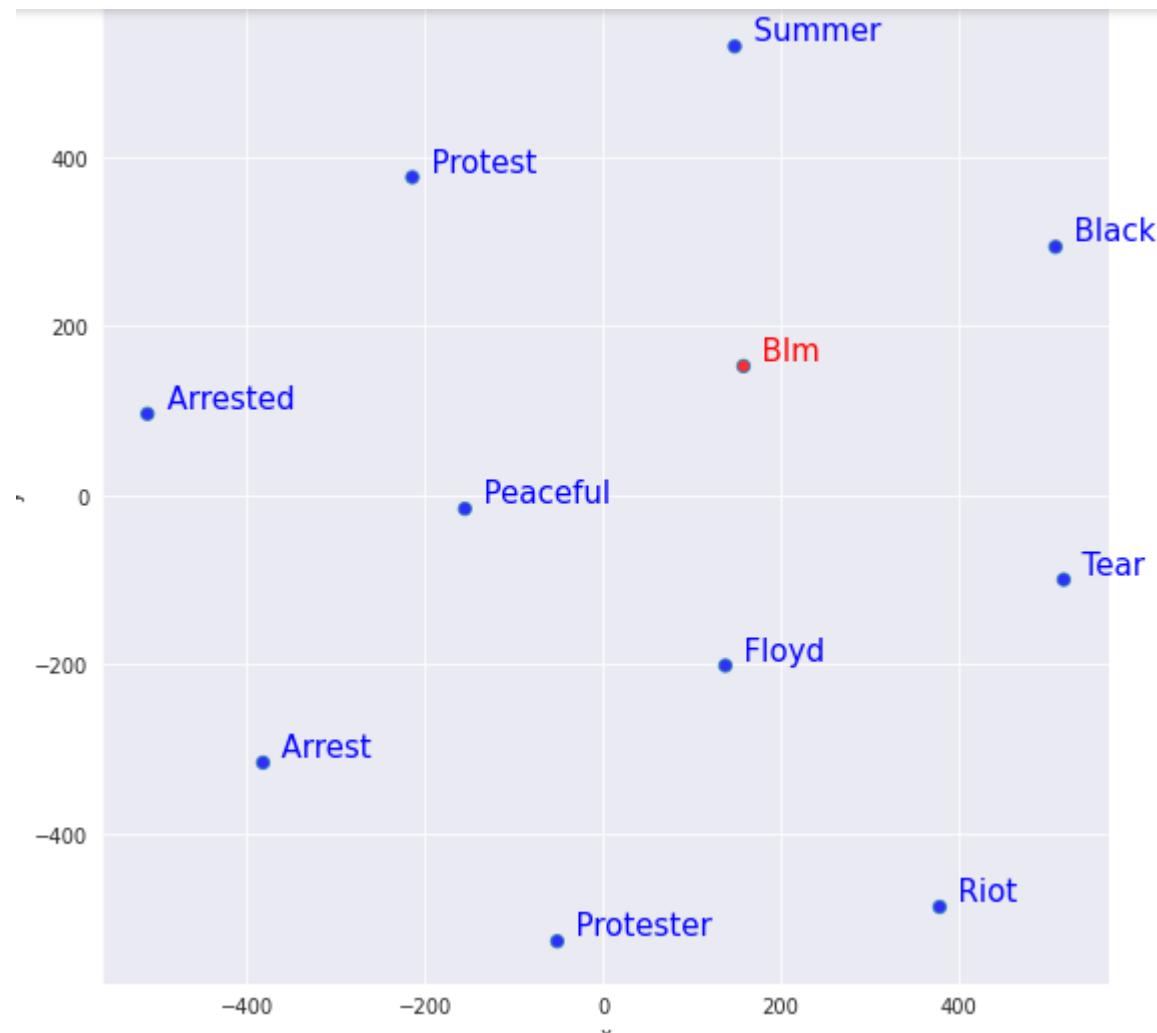
Palabras/Entidades correlacionadas

BLM



Palabras/Entidades correlacionadas

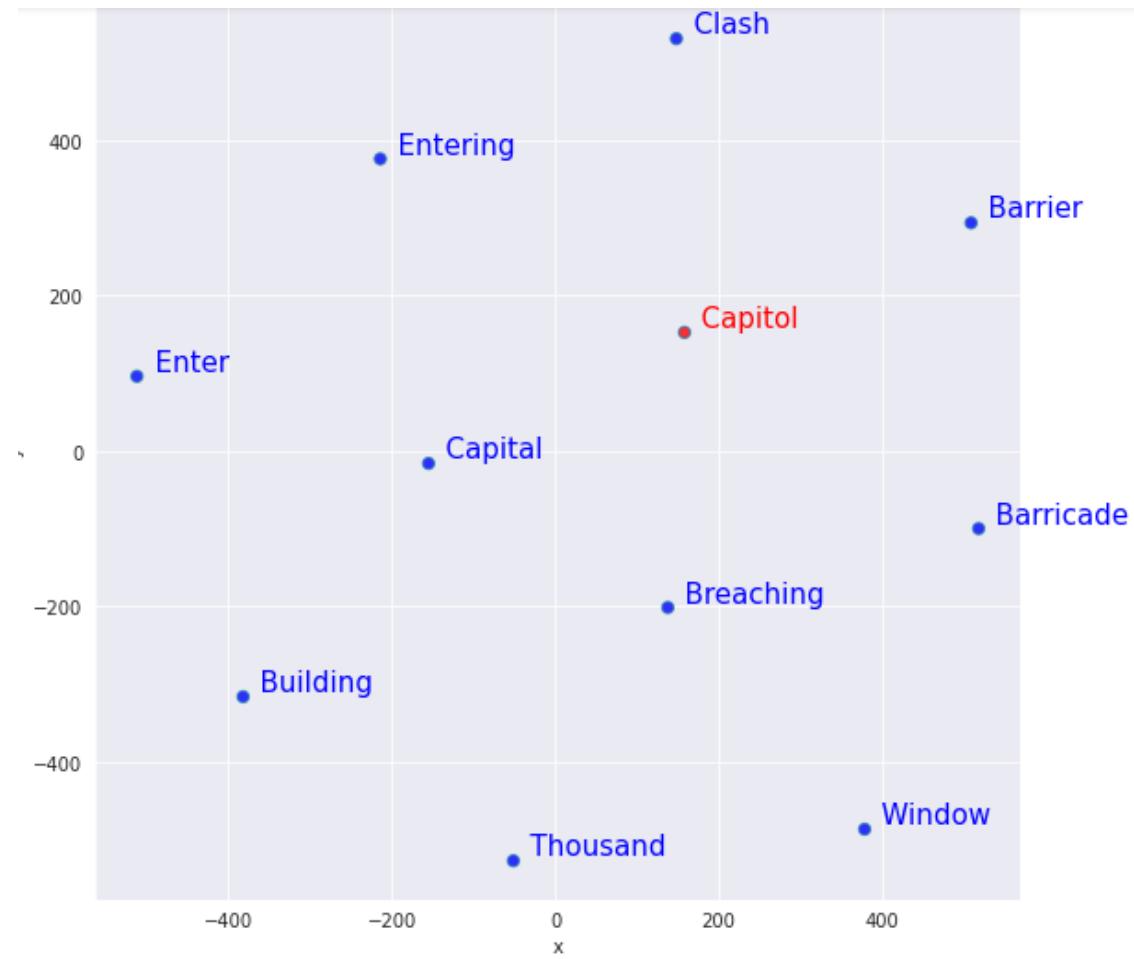
BLM



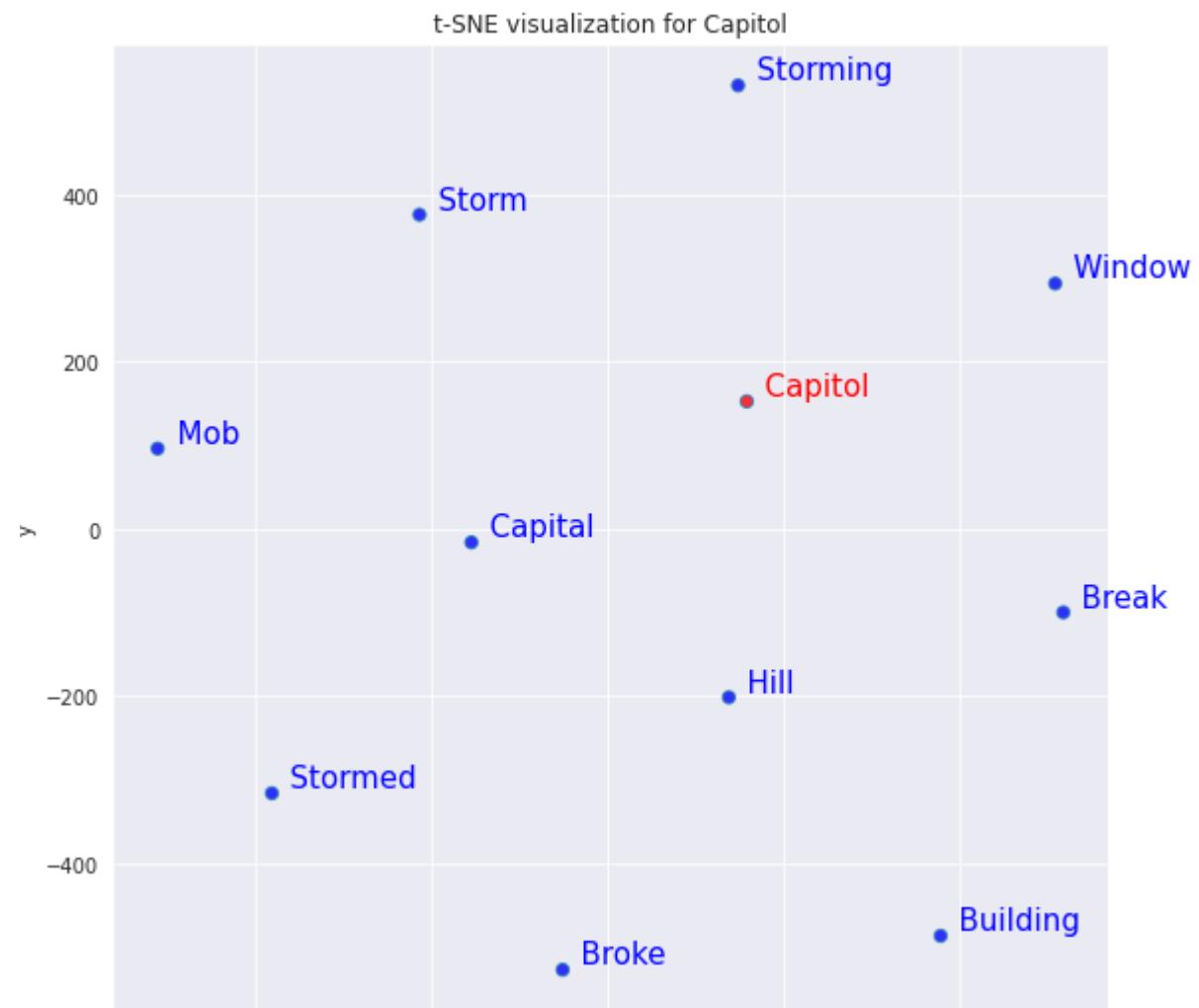
Capitol



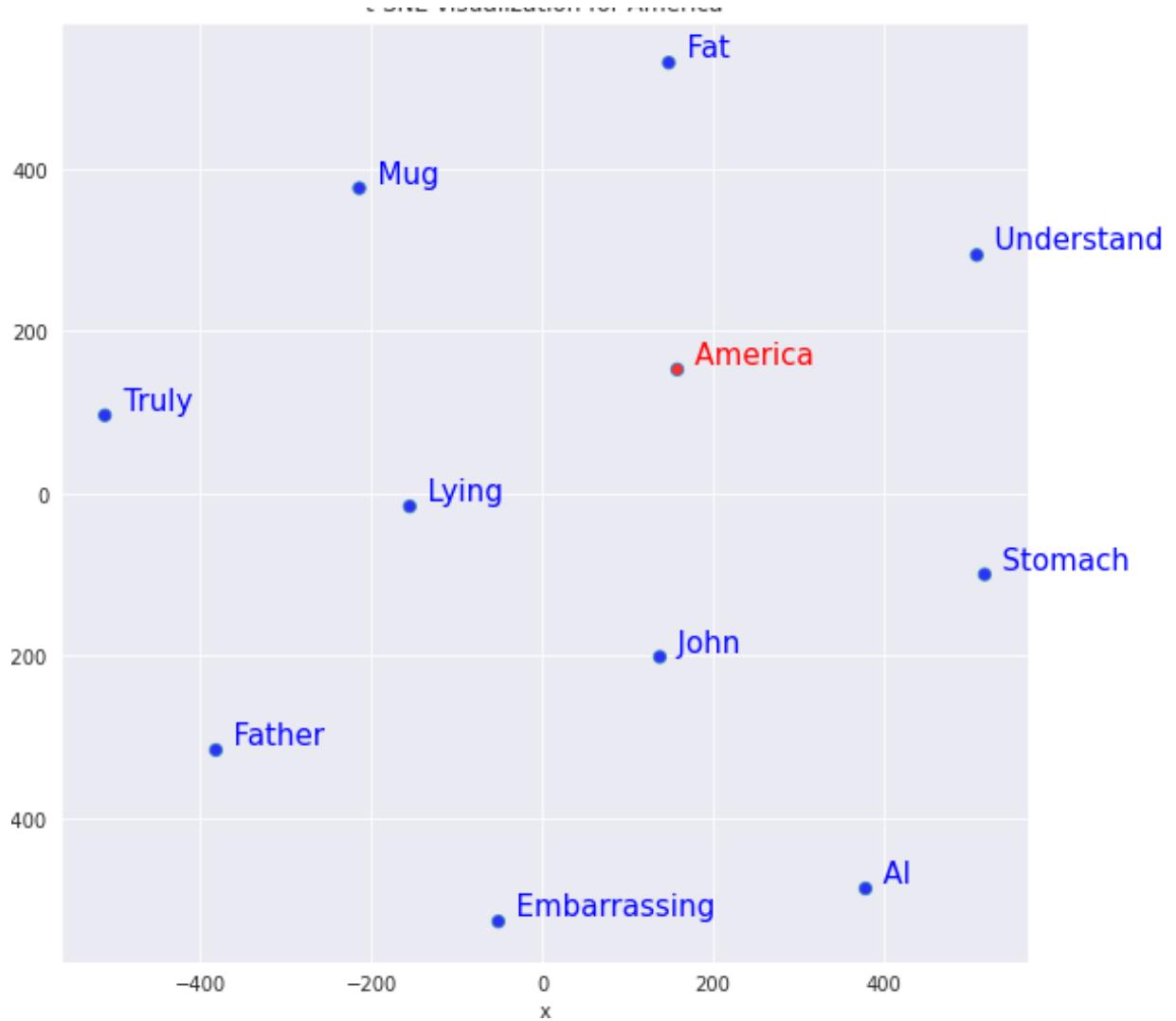
Capitol



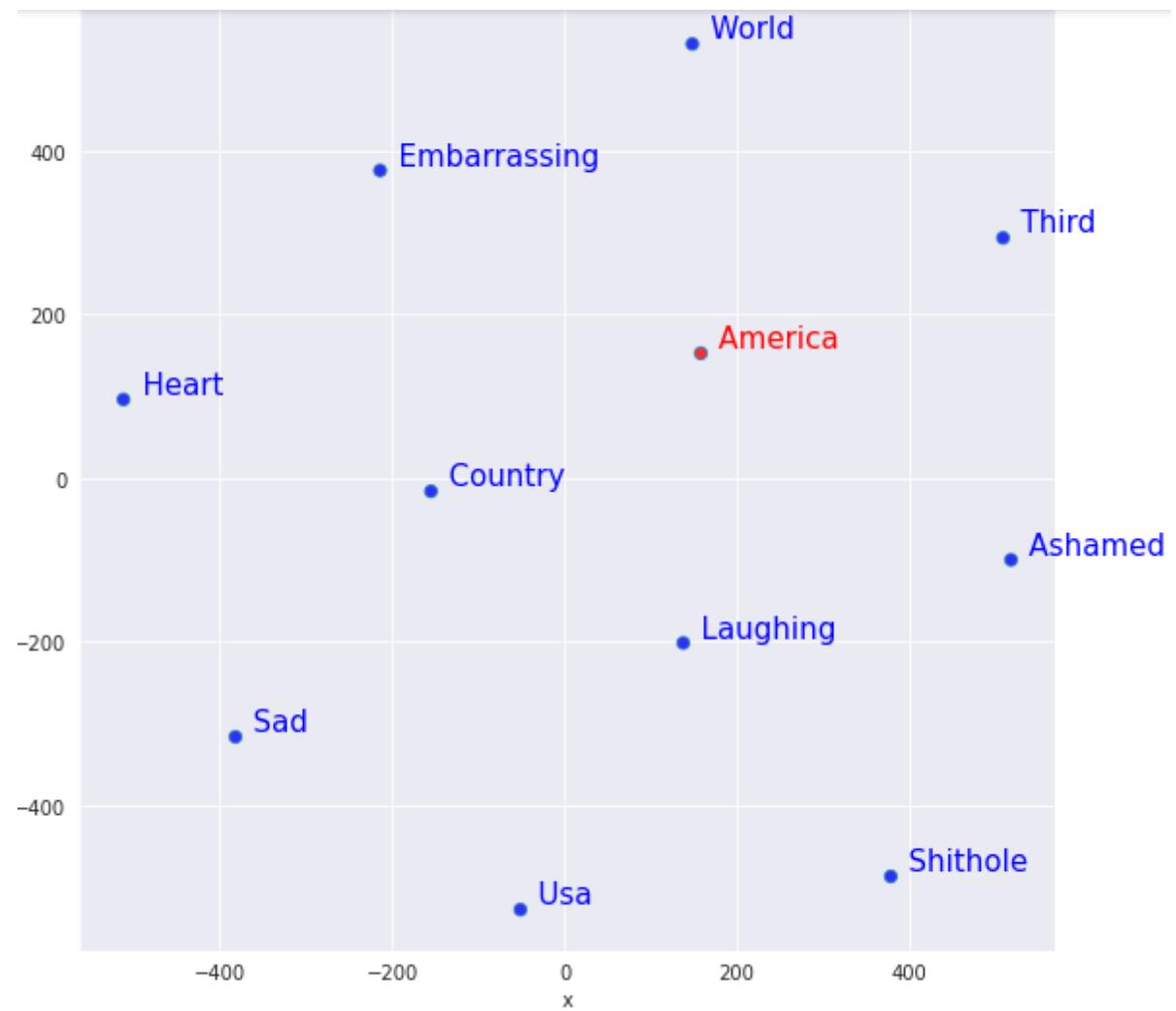
Capitol



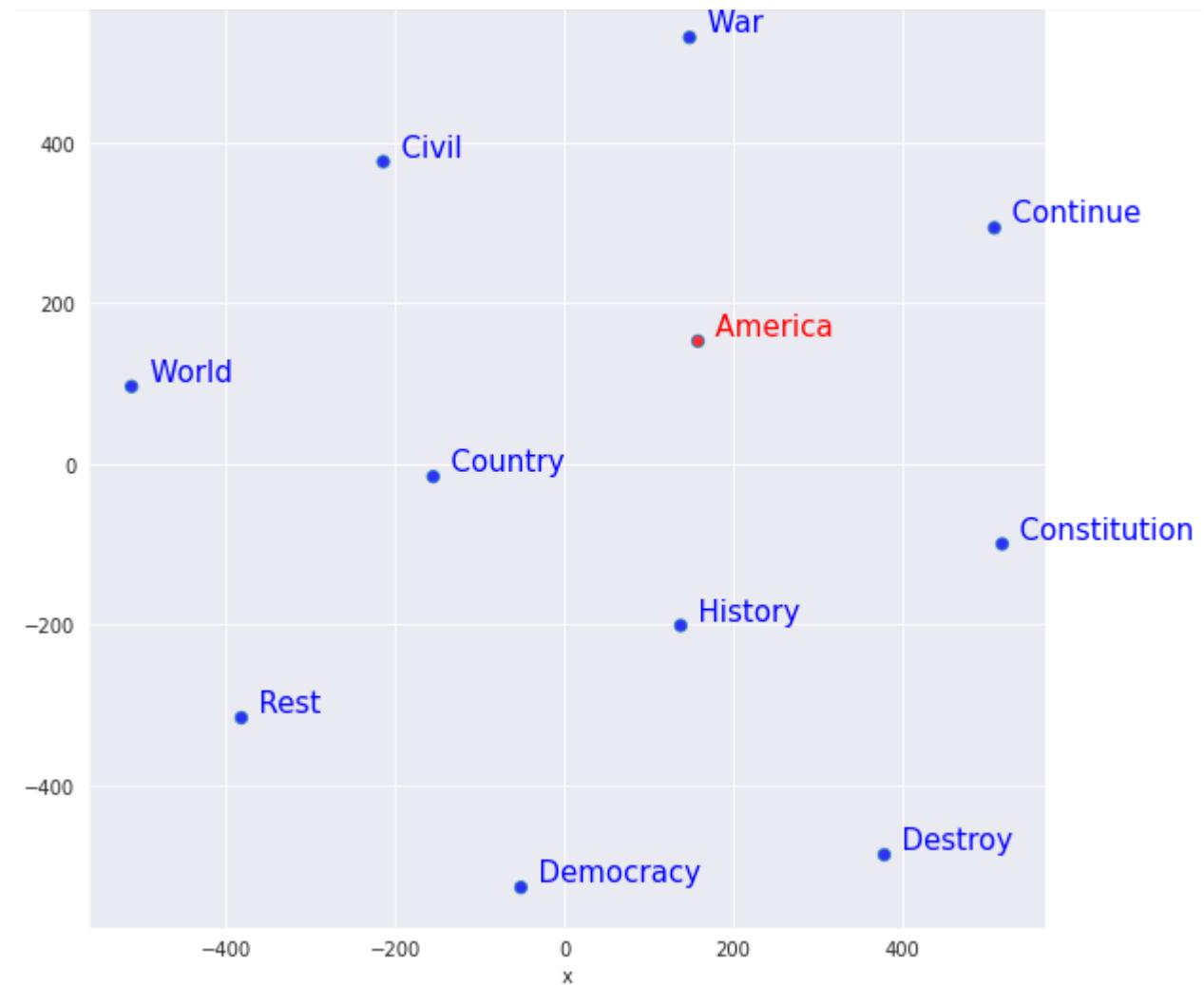
America



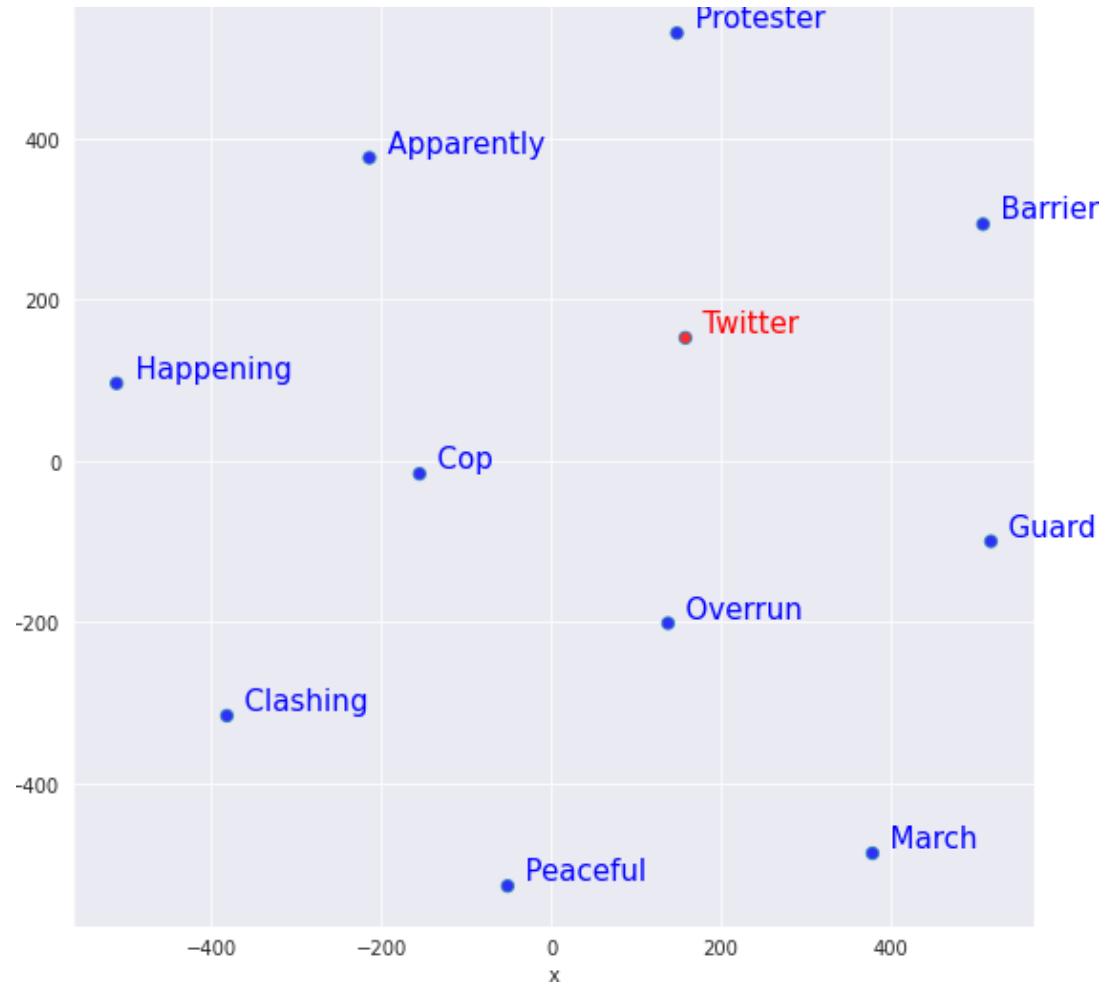
America



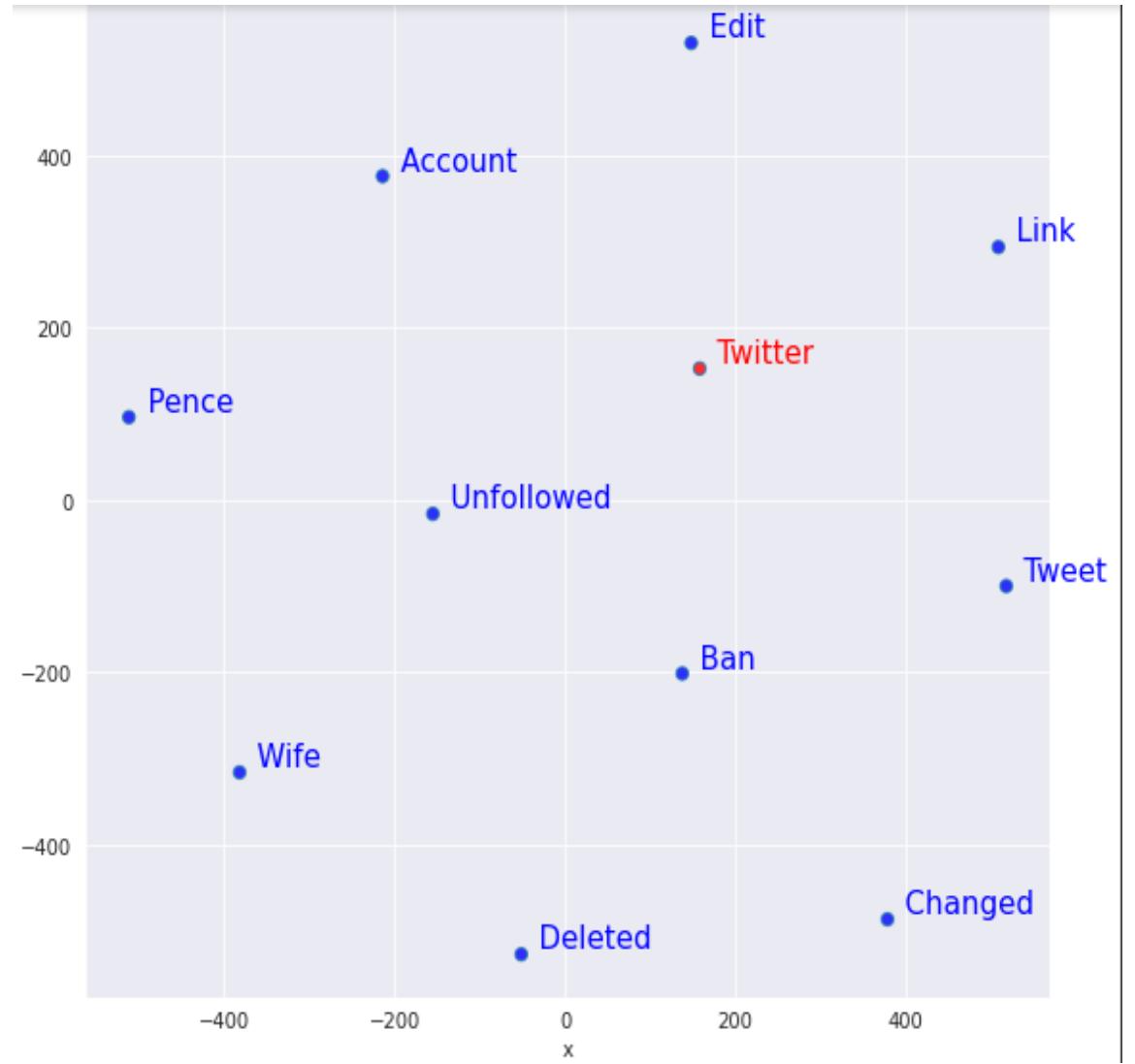
America



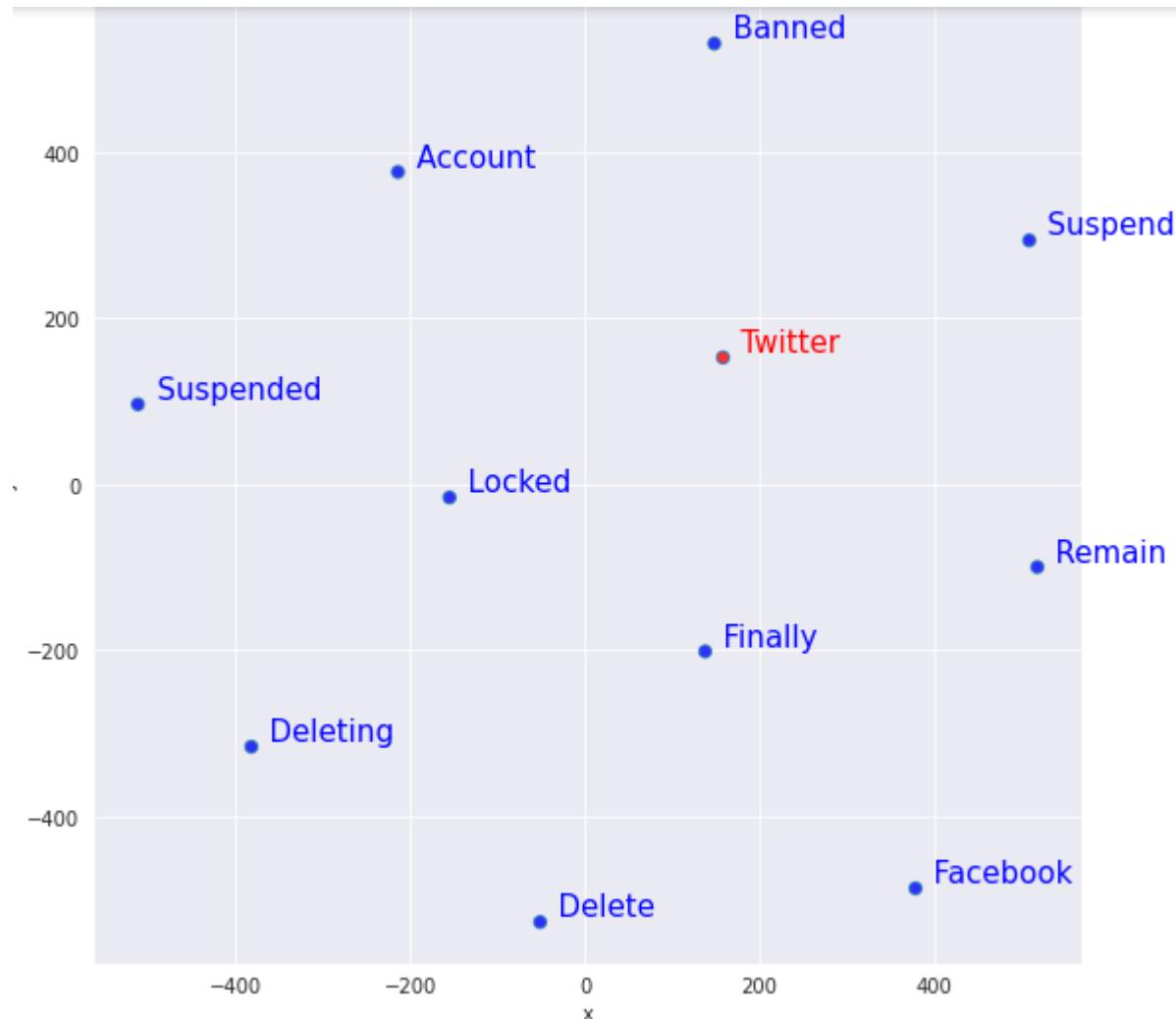
Twitter



Twitter



Twitter



Topic Modeling

Agrupaciones encontradas

Primera fase

Topic 2
like
republican
democracy
traitor
mitch

Topic 9
capitol
trump
building
time
outside

Topic Modeling

Agrupaciones encontradas

Segunda fase

```
└, Topic 0  
terrorist  
domestic  
flag  
terrorism  
country
```

```
Topic 8  
blm  
protest  
police  
people  
tear
```

Topic Modeling

Agrupaciones encontradas

Tercera fase

Topic 3
trump
25th
need
penny
amendment

Topic 8
capitol
shot
woman
building
police

Fuente: patriots.win



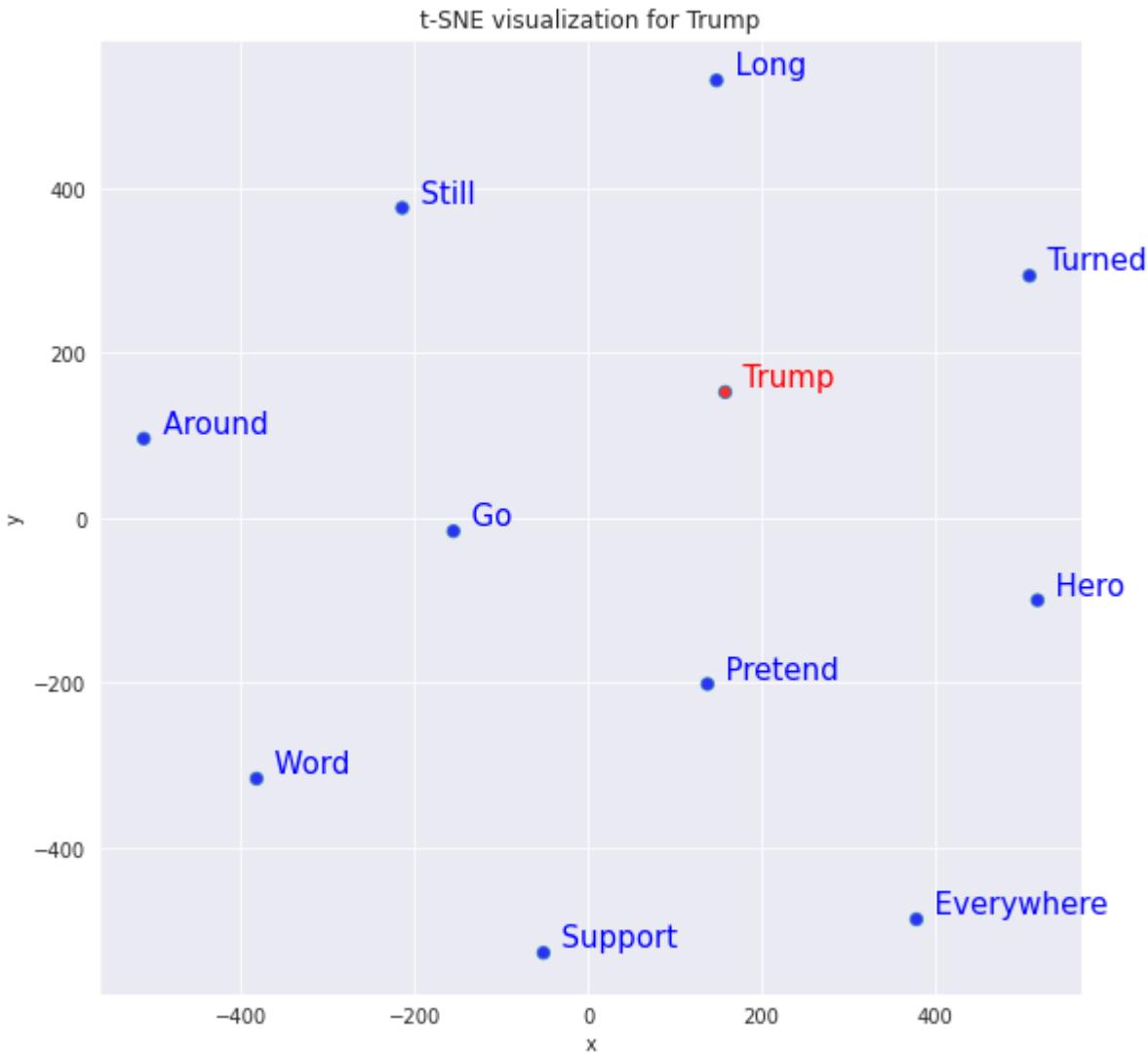
Extracción de patrones y descripción de insights

Resultados de aplicación de NER en Dataset del foro patriots.win

Entidad	Tipo de Entidad	#
Trump	ORG	521
Biden	NORP	91
America	GPE	85
American	NORP	68
Twitter	ORG	63
GOP	ORG	61
US	GPE	57
BLM	ORG	56
China	GPE	54
Antifa	NORP	48
FBI	ORG	46

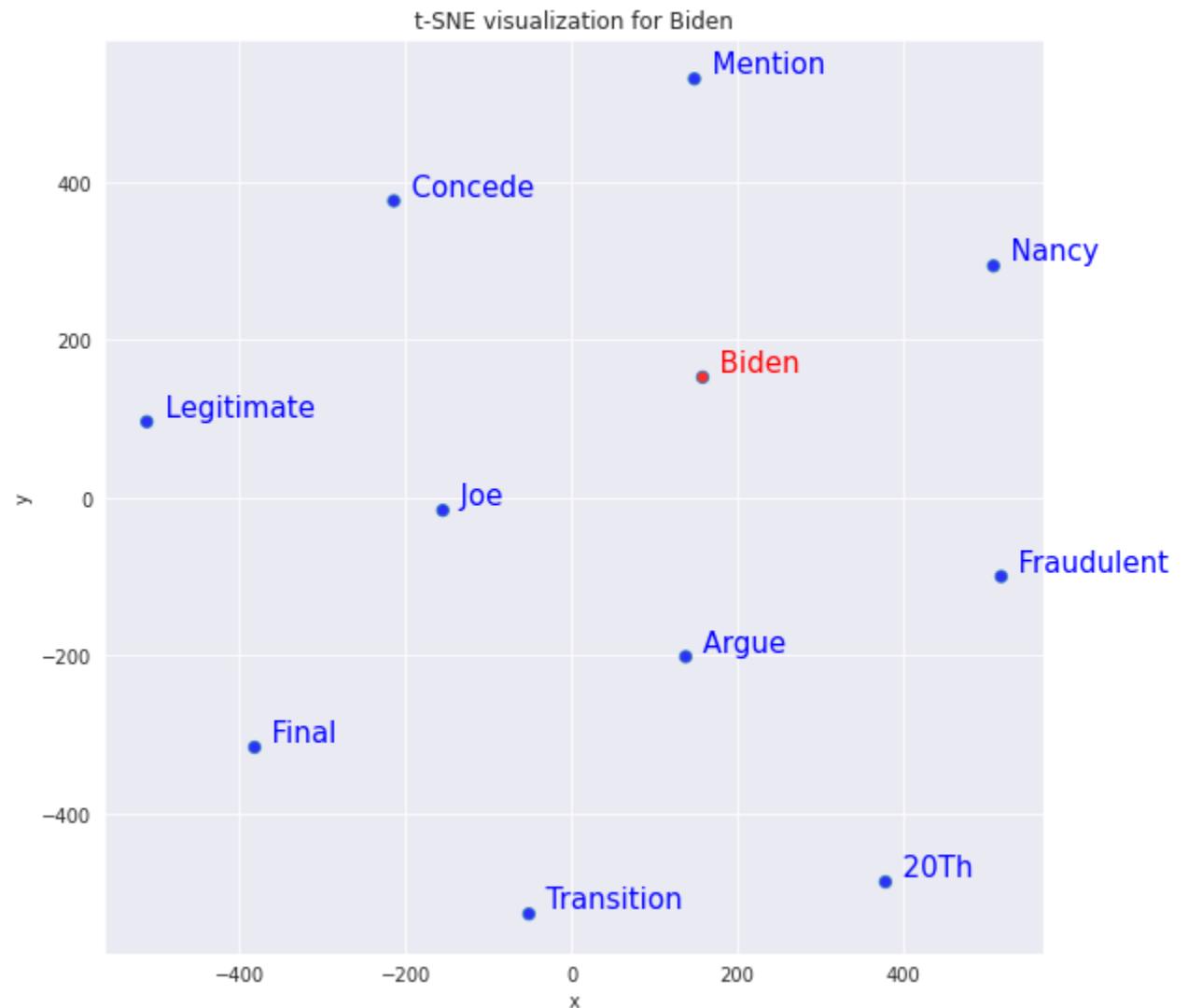
Palabras/Entidades correlacionadas

Trump



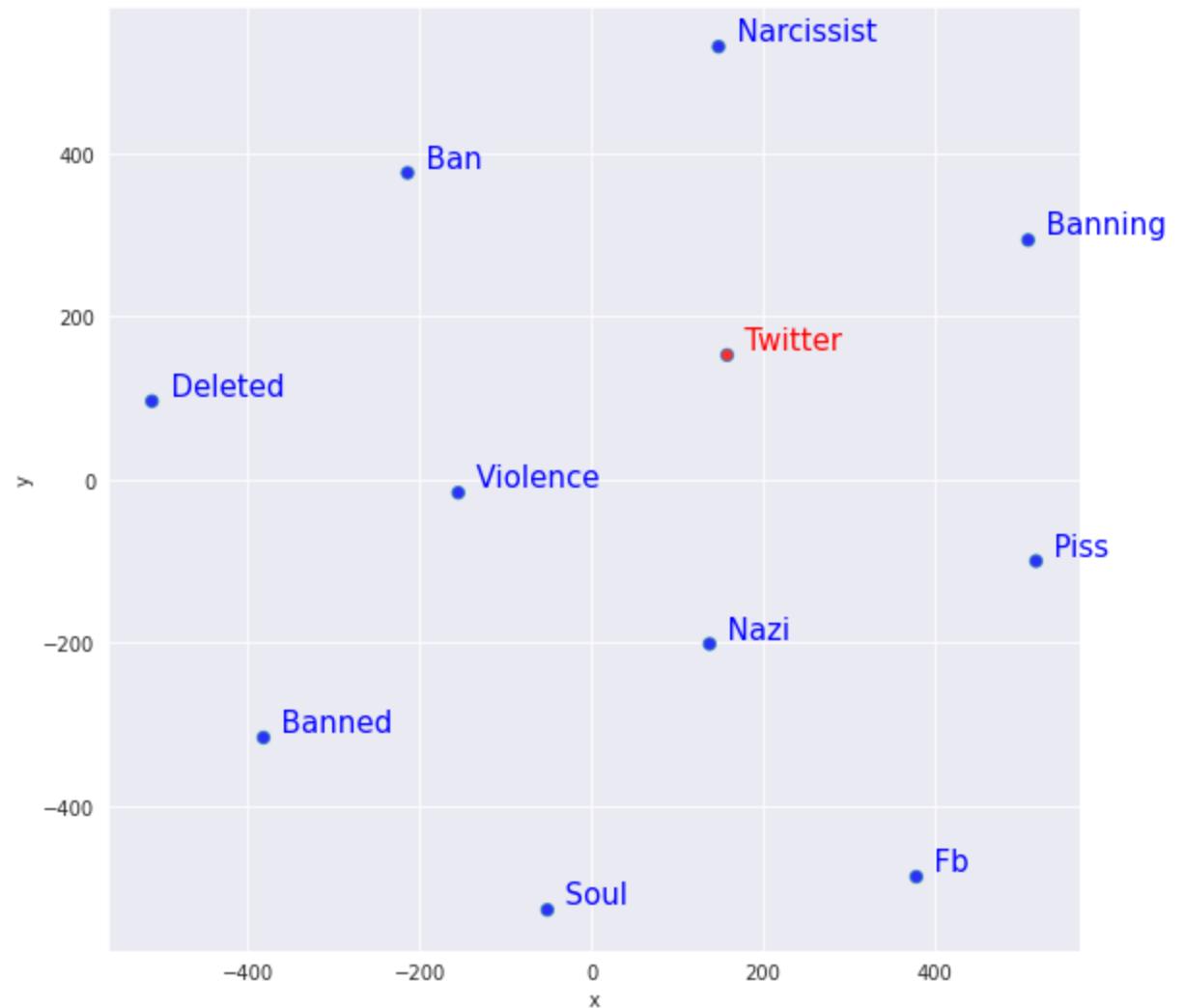
Palabras/Entidades correlacionadas

Biden



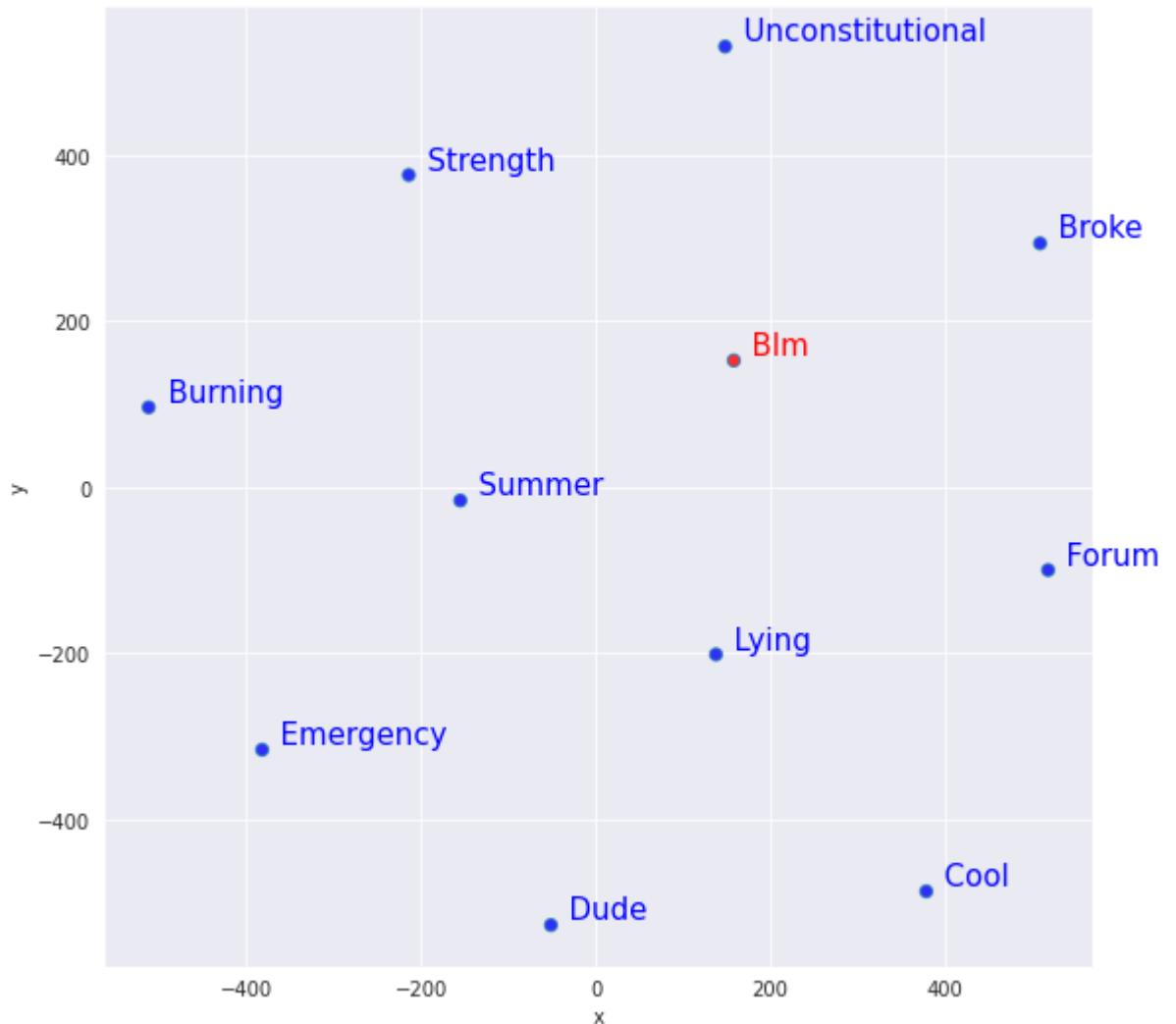
Twitter

t-SNE visualization for Twitter



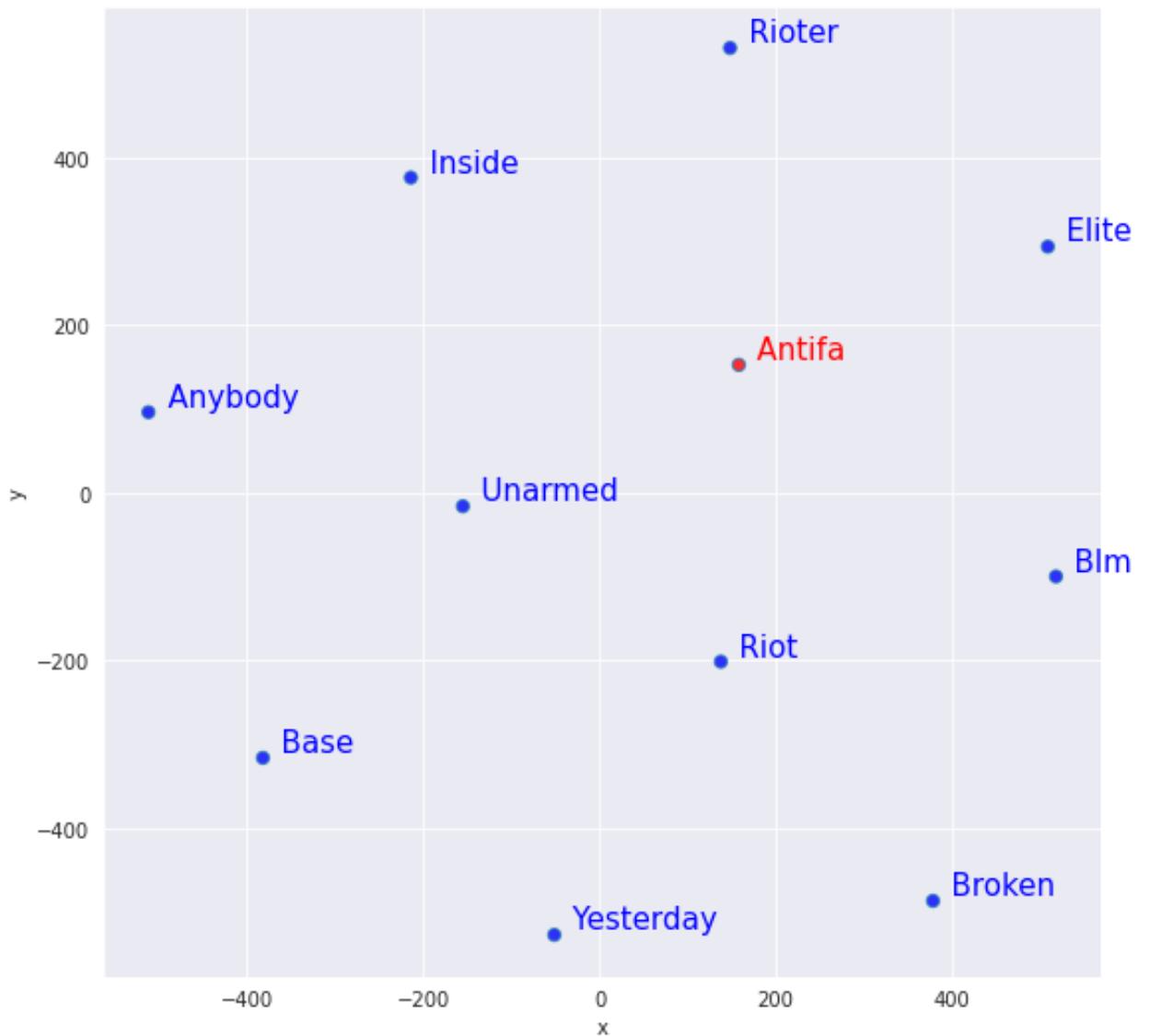
BLM

t-SNE visualization for Blm



Antifa

t-SNE visualization for Antifa



Topic Modeling

Agrupaciones encontradas

Topic 4
like
people
think
going
election

Topic 3
twitter
party
fuck
say
republican

Topic 2
even
trump
war
china
hope

Topic 0
trump
people
want
still
would

Propuesta de aplicación

- Super scraper actualizado en tiempo real
- Supervisión de comunidades con ideas extremistas.
- Constrainteligencia para detectar orígenes de fake news.
- Plataforma para orientar a la comunidad a no creer en ideas fascistas / extremistas.

Recomendaciones

- A fines de mejorar el análisis, se podrá consultar en los próximos días los comentarios de los posts del foro de seguidores de Donald Trump del día del Asalto al Capitolio en base a los resultados de scrapping del usuario de twitter @Viking_Sec

<https://www.vikingsecblog.com/dumping-the-donald/>

Dumping The Donald



After the [January 6th attack](#) on the capitol, and after many of the events of the last few months and years, I've become increasingly worried about the rise of fascism. It's one of the reasons I started [this blog](#), and it's spurred my own political evolution over the last year. After the sixth, though, I knew I had to do more than donating and spreading awareness. So, I set my sights on TheDonald.



Written by
[Viking Sec](#)

Anexo



Diego E

@fakediegoe

...

Les voy a contar una historia que monitoreo hace tiempo y me preocupa cada día más. Es sobre el "fascismo criollo" que empieza a consolidarse en Perú, salpicar a la "vida real", frente a medios y líderes de opinión incapaces de dar la contra



<https://twitter.com/fakediegoe/status/1356444347126984706>