

INTRODUCTION

The higher rate of gun violence has certainly raised a lot of questions on the issue of public safety around the world. Some question the gun control laws whereas some blame the mental health of the shooter. Some people have categorized these as an act of terrorism and some just think it is an act of violence.

INTRODUCTION

The higher rate of gun violence has certainly raised a lot of questions on the issue of public safety around the world. Some question the gun control laws whereas some blame the mental health of the shooter. Some people have categorized these as an act of terrorism and some just think it is an act of violence.

METHODS

- 10000 tweets each with hashtags “#parklandshooting” and “#christchurchshooting” was pickled to analyze.
- Sentiment analysis was done and compared in those tweets.
- Sentiment Analysis was performed on the collected and cleaned tweets.
- “10 Most frequently used words” from the tweets was printed in a table
- The speech given by leaders of both countries was converted into a text file and word cloud was generated.

- ## METHODS
- 10000 tweets each with hashtags “#parklandshooting” and “#christchurchshooting” was pickled to analyze.
 - Sentiment analysis was done and compared in those tweets.
 - Sentiment Analysis was performed on the collected and cleaned tweets.
 - “10 Most frequently used words” from the tweets was printed in a table
 - The speech given by leaders of both countries was converted into a text file and word cloud was generated.



Twitter Reacts: Gun Violence

By: PRIYANKA KHANAL
s524702@nwmissouri.edu



Twitter Reacts: Gun Violence

By: PRIYANKA KHANAL
s524702@nwmissouri.edu

OBJECTIVE

The main objective of this project is analyze the how twitter reacted to two major gun violence incidents of current times: Parkland Shooting in US and Christchurch shooting in New Zealand. This project also analyzes the speeches of the leaders of these two countries addressing the matter

OBJECTIVE

The main objective of this project is analyze the how twitter reacted to two major gun violence incidents of current times: Parkland Shooting in US and Christchurch shooting in New Zealand. This project also analyzes the speeches of the leaders of these two countries addressing the matter

CONCLUSION

- **Tweets related to both the incidents were mainly positive or neutral with the exception of few.**
- **Hashtags used in parkland shooting were focused on other movements which was not related to the shooting but Christchurch shooting was focused on the incident.**
- **Word cloud generated from the speech of two leaders shared very similar sentiment of grief and community**

- ## **CONCLUSION**
- **Tweets related to both the incidents were mainly positive or neutral with the exception of few.**
 - **Hashtags used in parkland shooting were focused on other movements which was not related to the shooting but Christchurch shooting was focused on the incident.**
 - **Word cloud generated from the speech of two leaders shared very similar sentiment of grief and community**

Result 1: Sentiment Analysis

Legend:

- Christchurch
- × Parkland

RESULTS

Result 2: Most commonly used words

Rank	Common words	Count
0	https	43
1	#NewZealand	41
2	#Christchurch	26
3	Zealand	26
4	#ChristchurchShooting	22
5	#ChristchurchMosqueAttack	22
6	#Christchurchshooting	21
7	#NewZealandShooting	20
8	#World	19
9	Mosque	18

Rank	Common words	Count
0	#MarchForOurLives	623
1	https	529
2	dncGeM	188
3	#AAP	132
4	#veterans	132
5	#Millennials	117
6	#METOO	112
7	#Latinx	108
8	#LGBTQ	107
9	#TeaParty	101

Result 3: What do the Leaders think

President of United States Donald J. Trump addressing the nation after Parkland Shooting

Prime Minister of New Zealand Jacinda Arden addressing the nation after Christchurch Shooting

- ### Result 1: Sentiment Analysis

Legend:
● Christchurch
× Parkland

RESULTS

Result 2: Most commonly used words

Rank	Common words	Count
0	https	43
1	#NewZealand	41
2	#Christchurch	26
3	Zealand	26
4	#ChristchurchShooting	22
5	#ChristchurchMosqueAttack	22
6	#Christchurchshooting	21
7	#NewZealandShooting	20
8	#World	19
9	Mosque	18

Rank	Common words	Count
0	#MarchForOurLives	623
1	https	529
2	dnkGeM	188
3	#AAPR	132
4	#veterans	132
5	#Millennials	117
6	#METOO	112
7	#Latinx	108
8	#LGBTQ	107
9	#TeaParty	101

Result 3: What do the Leaders think

President of United States Donald J. Trump addressing the nation after Parkland Shooting

Prime Minister of New Zealand Jacinda Arden addressing the nation after Christchurch Shooting



Result 1: Sentiment Analysis

Legend:
● Christchurch
× Parkland

RESULTS

Result 2: Most commonly used words

Rank	Common words	Count
0	https	43
1	#NewZealand	41
2	#Christchurch	26
3	Zealand	26
4	#ChristchurchShooting	22
5	#ChristchurchMosqueAttack	22
6	#Christchurchshooting	21
7	#NewZealandShooting	20
8	#World	19
9	Mosque	18

Rank	Common words	Count
0	#MarchForOurLives	623
1	https	529
2	dnkGeM	188
3	#AAPR	132
4	#veterans	132
5	#Millennials	117
6	#METOO	112
7	#Latinx	108
8	#LGBTQ	107
9	#TeaParty	101

Result 3: What do the Leaders think

President of United States Donald J. Trump addressing the nation after Parkland Shooting

Prime Minister of New Zealand Jacinda Arden addressing the nation after Christchurch Shooting

Result 1: Sentiment Analysis

Legend:

- Christchurch
- × Parkland

RESULTS

Result 2: Most commonly used words

Rank	Common words	Count
0	https	43
1	#NewZealand	41
2	#Christchurch	26
3	Zealand	26
4	#ChristchurchShooting	22
5	#ChristchurchMosqueAttack	22
6	#Christchurchshooting	21
7	#NewZealandShooting	20
8	#World	19
9	Mosque	18

Rank	Common words	Count
0	#MarchForOurLives	623
1	https	529
2	dnkGeM	188
3	#AAPR	132
4	#veterans	132
5	#Millennials	117
6	#METOO	112
7	#Latinx	108
8	#LGBTQ	107
9	#TeaParty	101

Result 3: What do the Leaders think

President of United States Donald J. Trump addressing the nation after Parkland Shooting

Prime Minister of New Zealand Jacinda Arden addressing the nation after Christchurch Shooting

Result 1: Sentiment Analysis

Legend:
● Christchurch
× Parkland

RESULTS

Result 2: Most commonly used words

CCCommon words	CCcount
https	43
#NewZealand	41
#Christchurch	26
Zealand	26
#ChristchurchShooting	22
#ChristchurchMosqueAttack	22
#Christchurchshooting	21
#NewZealandShooting	20
#World	19
Mosque	18

ParklandCommon words	Parklandcount
#MarchForOurLives	623
https	529
dncGeM	188
#AAP	132
#veterans	132
#Millennials	117
#METOO	112
#Latinx	108
#LGBTQ	107
#TeaParty	101

Result 3: What do the Leaders think

President of United States Donald J. Trump addressing the nation after Parkland Shooting

Prime Minister of New Zealand Jacinda Arden addressing the nation after Christchurch Shooting

Result 1: Sentiment Analysis

Legend:
● Christchurch
× Parkland

RESULTS

Result 2: Most commonly used words

CCCommon words	CCcount
https	43
#NewZealand	41
#Christchurch	26
Zealand	26
#ChristchurchShooting	22
#ChristchurchMosqueAttack	22
#Christchurchshooting	21
#NewZealandShooting	20
#World	19
Mosque	18

ParklandCommon words	Parklandcount
#MarchForOurLives	623
https	529
dncGeM	188
#AAP	132
#veterans	132
#Millennials	117
#METOO	112
#Latinx	108
#LGBTQ	107
#TeaParty	101

Result 3: What do the Leaders think

President of United States Donald J. Trump addressing the nation after Parkland Shooting

Prime Minister of New Zealand Jacinda Arden addressing the nation after Christchurch Shooting

Result 1: Sentiment Analysis

Legend:

- Christchurch
- × Parkland

RESULTS

Result 2: Most commonly used words

Rank	Common words	Count
0	https	43
1	#NewZealand	41
2	#Christchurch	26
3	Zealand	26
4	#ChristchurchShooting	22
5	#ChristchurchMosqueAttack	22
6	#Christchurchshooting	21
7	#NewZealandShooting	20
8	#World	19
9	Mosque	18

Rank	Common words	Count
0	#MarchForOurLives	623
1	https	529
2	dnkGeM	188
3	#AARP	132
4	#veterans	132
5	#Millennials	117
6	#METOO	112
7	#Latinx	108
8	#LGBTQ	107
9	#TeaParty	101

Result 3: What do the Leaders think

President of United States Donald J. Trump addressing the nation after Parkland Shooting

Prime Minister of New Zealand Jacinda Arden addressing the nation after Christchurch Shooting



Result 1: Sentiment Analysis

Legend:

- Christchurch
- × Parkland

RESULTS

Result 2: Most commonly used words

Rank	Common words	Count
0	https	43
1	#NewZealand	41
2	#Christchurch	26
3	Zealand	26
4	#ChristchurchShooting	22
5	#ChristchurchMosqueAttack	22
6	#Christchurchshooting	21
7	#NewZealandShooting	20
8	#World	19
9	Mosque	18

Rank	Common words	Count
0	#MarchForOurLives	623
1	https	529
2	dnkGeM	188
3	#AAPR	132
4	#veterans	132
5	#Millennials	117
6	#METOO	112
7	#Latinx	108
8	#LGBTQ	107
9	#TeaParty	101

Result 3: What do the Leaders think

President of United States Donald J. Trump addressing the nation after Parkland Shooting

Prime Minister of New Zealand Jacinda Arden addressing the nation after Christchurch Shooting