Macron vs Le Pen

What does Twitter say?

The Data

We are observing data about the 2017 Emmanuel Macron vs Marine Le Pen French Presidential Election, which was a major topic of discussion on Twitter.

The data we are observing is a collection of tweets from France during the time of the election.

We decided to focus on these specific areas of the data:

- Biggest Contributors
- Top Words
- Retweet Counts
- Most mentions/Replies
- Who was talked about more?

Biggest Contributors

We found the most frequent tweeters.

```
+----------------+------+
|    screen_name |count |
+----------------+------+
|focus_regional|  3337|
|  trendinaliaFR|   757|
|  mediasoignant|   695|
|   moi_c_yanis|   636|
|     franckjt1|   541|
|     LegalKant|   429|
|       coste51|   384|
|        Sylv33|   347|
|  LaLifeDeSoso|   347|
|          MLLSR|   340|
|   RomainDebois|   335|
|  Akije_Hirodi|   324|
|     cavaleyra|   311|
|  MylanFreeman|   303|
|  Its_Mickaella|   289|
|     BCritique|   280|
|        lxncdn|   275|
|    odetostvmp|   272|
|   johncharle1|   272|
|     ibarbinho|   268|
+----------------+------+
only showing top 20 rows
```

Top Words

We found the frequent words in all of the tweets.

Unsurprisingly, the most common words were "de" or "of."

```
+-----+-----+
| word|count|
+-----+-----+
|   de|53916|
|   la|29777|
|   le|25112|
|    à|22290|
|    a|19935|
|   et|18917|
|  pas|18661|
|  les|18022|
|  que|17059|
|     |16435|
|   je|15905|
|   en|15316|
| pour|15183|
|   un|13656|
|  des|13064|
|    !|11815|
|c'est|11412|
|  the|11356|
|   du|10552|
|  est|10446|
+-----+-----+
```

Retweet Counts

We counted how many times each tweet in our dataset was retweeted and found that all of the tweets weren't retweeted at all.

This lead us to ask: why?

Most Mentions/Replies

Who Was Talked About More?

Macaron was discussed approximately 6,997 times whereas Le Pen was discussed approximately 5,170 times.

This wasn't too shocking since Macron ended up winning the election.