

In The Name of God

A Detailed Report Based On 22 Million Tweets Regarding The US Presidential Election



SAHAB MEDIA

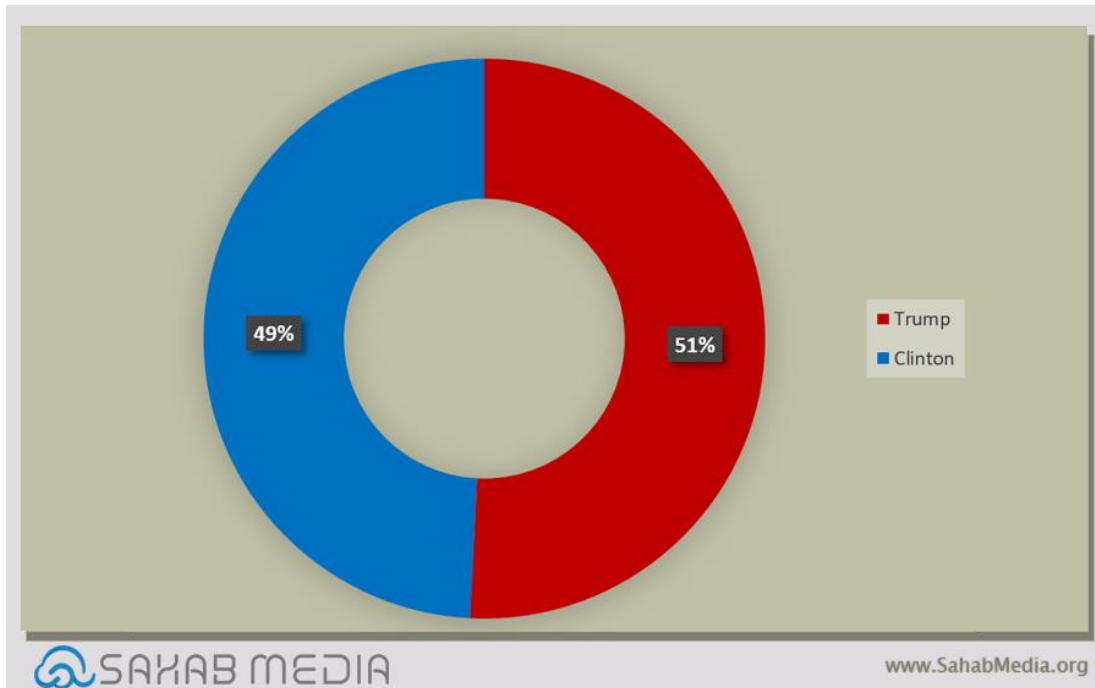
https://www.Twitter.com/Sahab_Media

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With less than a month until election day in the US, the results of almost every poll the mainstream media runs show that the Democratic nominee will beat her Republican rival by a landslide. But the results of our data mining processes says something else. Analyzing more than 22 million tweets in the US regarding the country's presidential election, our statistics say that Donald Trump is currently the leading candidate and his popularity is increasingly growing.

According to the results obtained by Sahab Media's Data Mining Center, 22,057,505 tweets written by 3,127,119 users have been examined during the period between the 19th of September until the 18th of October using the Stream technique.

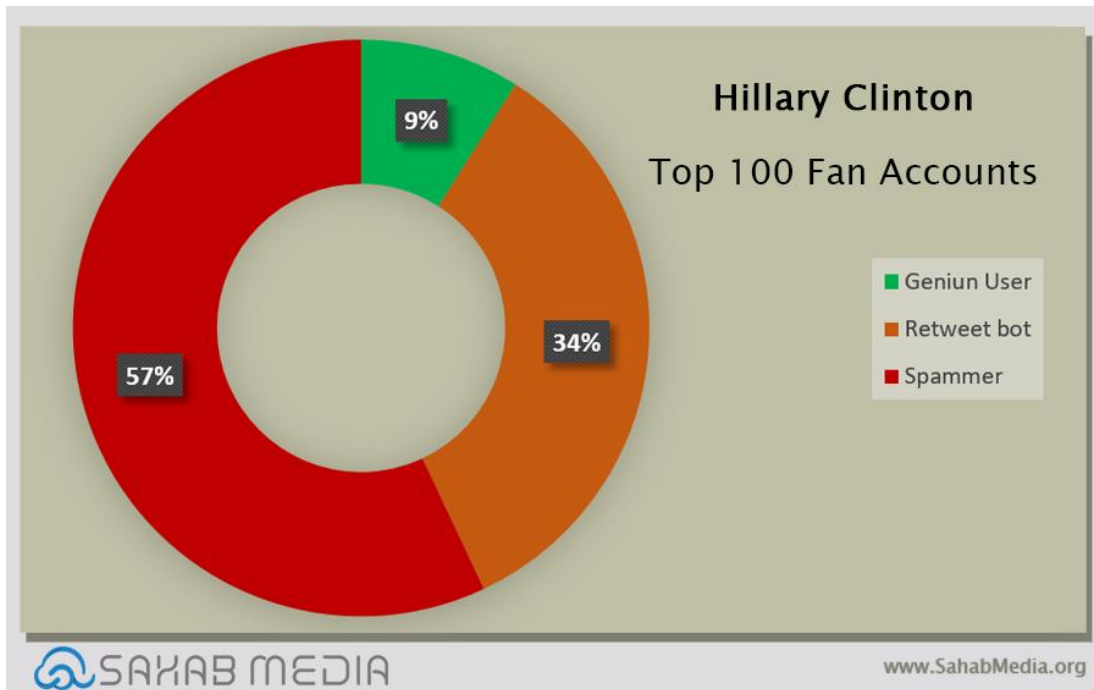
According to the report, nearly half of the tweets were about each respective candidate:



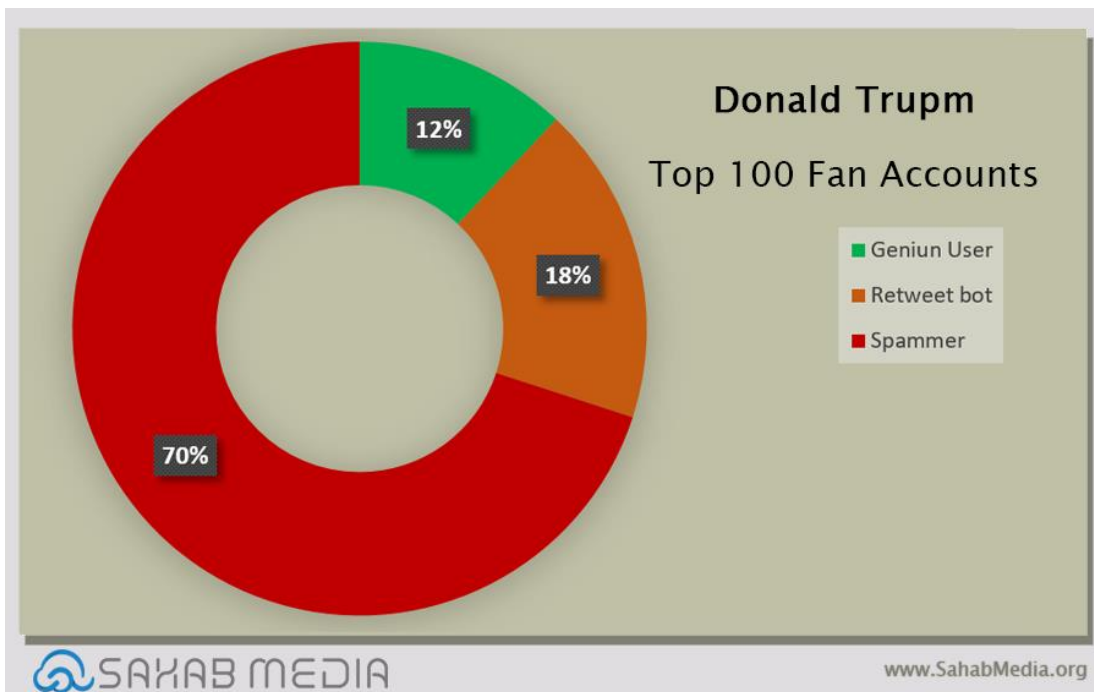
Analyzing the tweets using the Sentiment Analysis technique, we scored every single tweet based on the feeling the tweet has towards each candidate with a number between -1 to 1 (-1 being ultimate hate and 1 being ultimate interest). After scoring every tweet, we then categorized the tweets based on the candidate each tweet is related to and here is a summary of what we obtained:

The results of analyzing the top 100 Twitter accounts that had the greatest amount of positive tweets for each candidate shows that a large percentage of these accounts were fake accounts or what's known as spammers.

Hillary Clinton



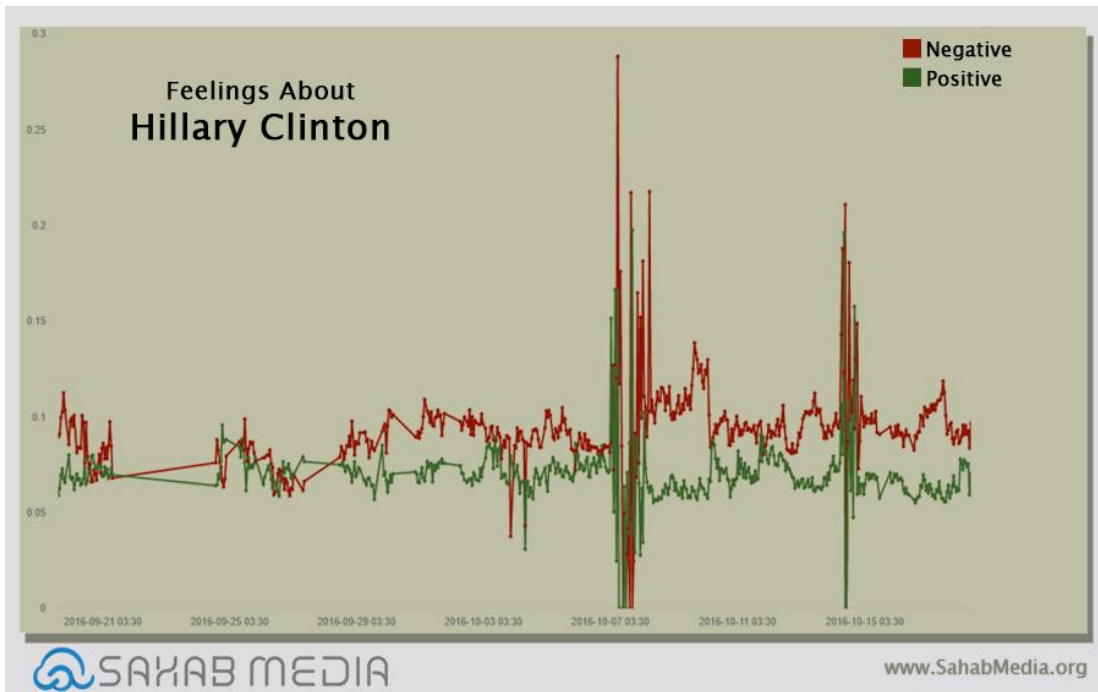
Donald Trump



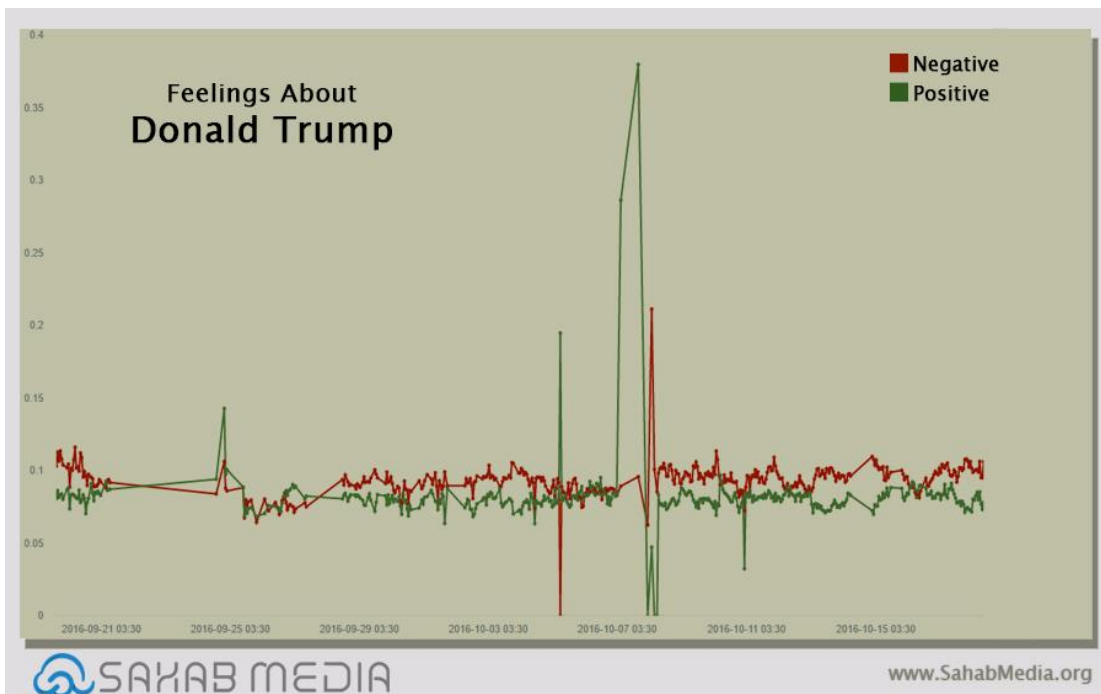
Clinton has the most amount of negative tweets

The results that our data mining team obtained also suggested that tweets that are about Hillary Clinton contained the most amount of negative feelings compared to her Republican rival.

Hillary Clinton



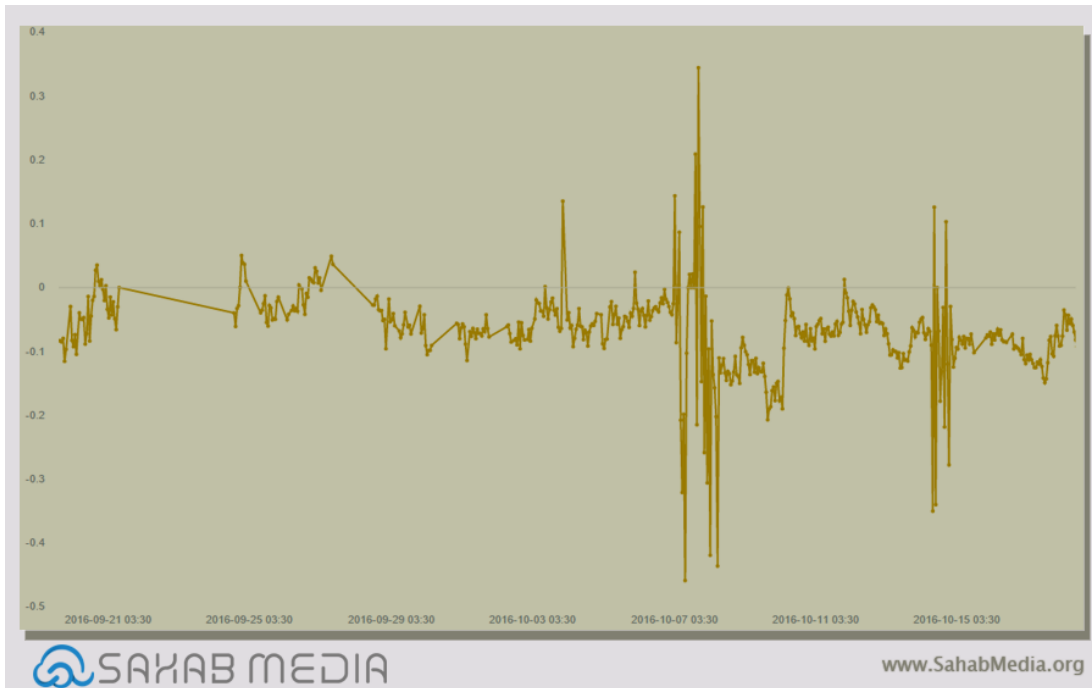
Donald Trump



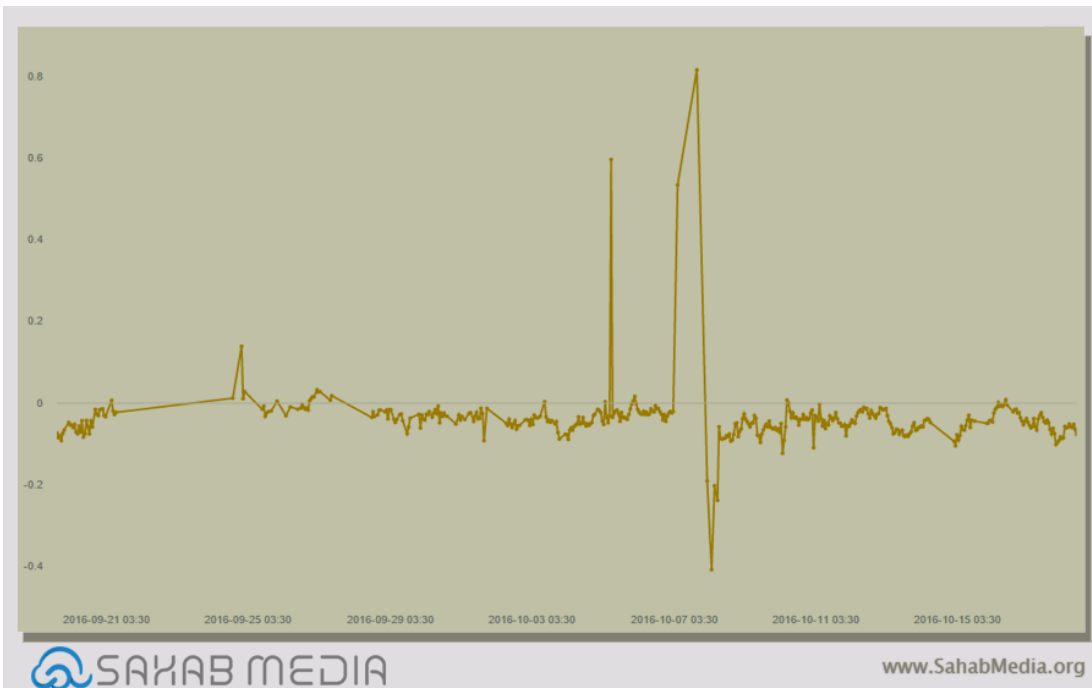
People do not feel positive regarding both candidates

According to the data we obtained and analyzed, our team has also learned that users mainly express negative feelings towards both candidates. These charts that are the result of adding the two above-mentioned charts shows that the average sentiment score of tweets for each candidate during the specific time is mainly negative.

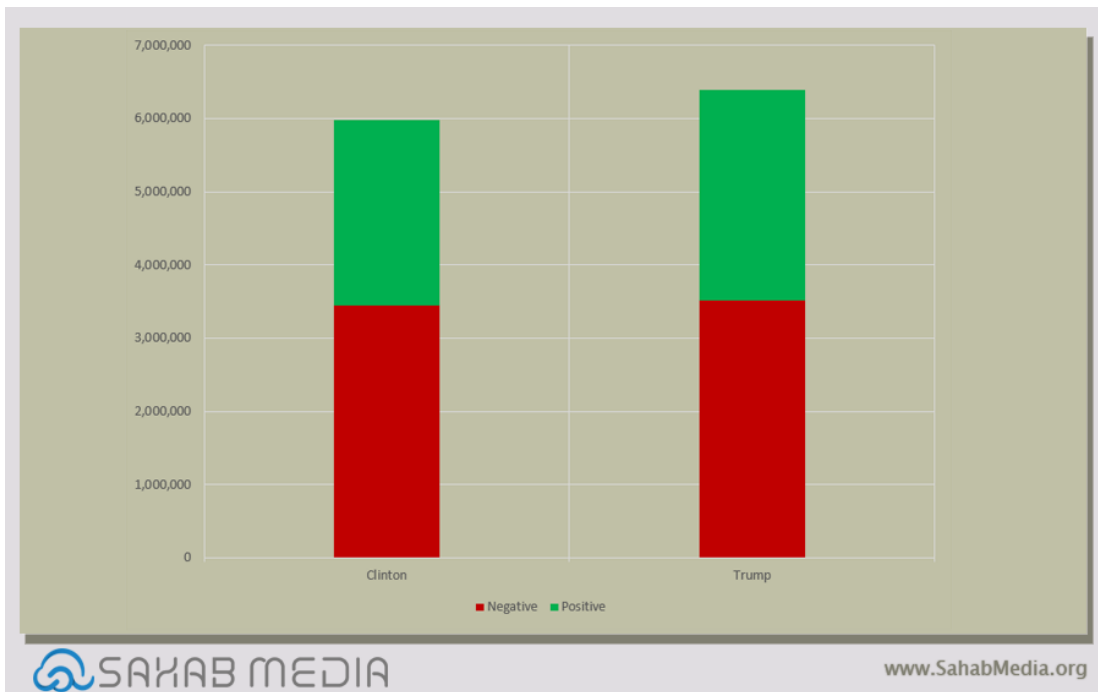
Hillary Clinton



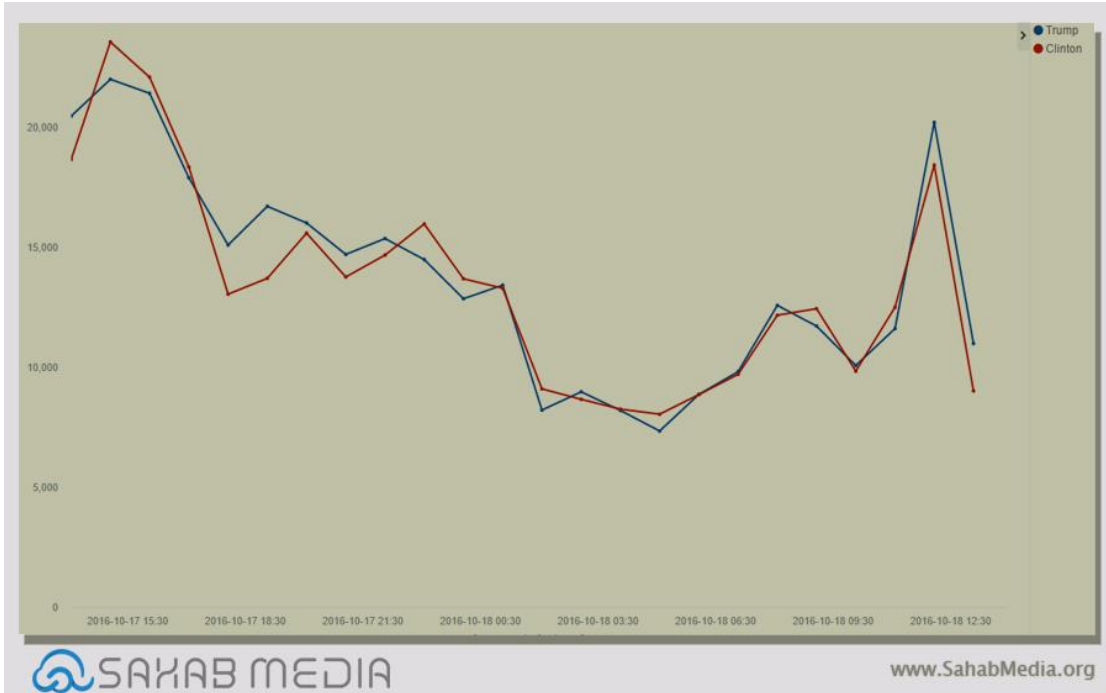
Donald Trump



And here is the sentiment analysis chart based on the number of tweets obtained for each candidate. As you can see, the total number of positive and negative tweets for Donald Trump is more than his Democratic rival.

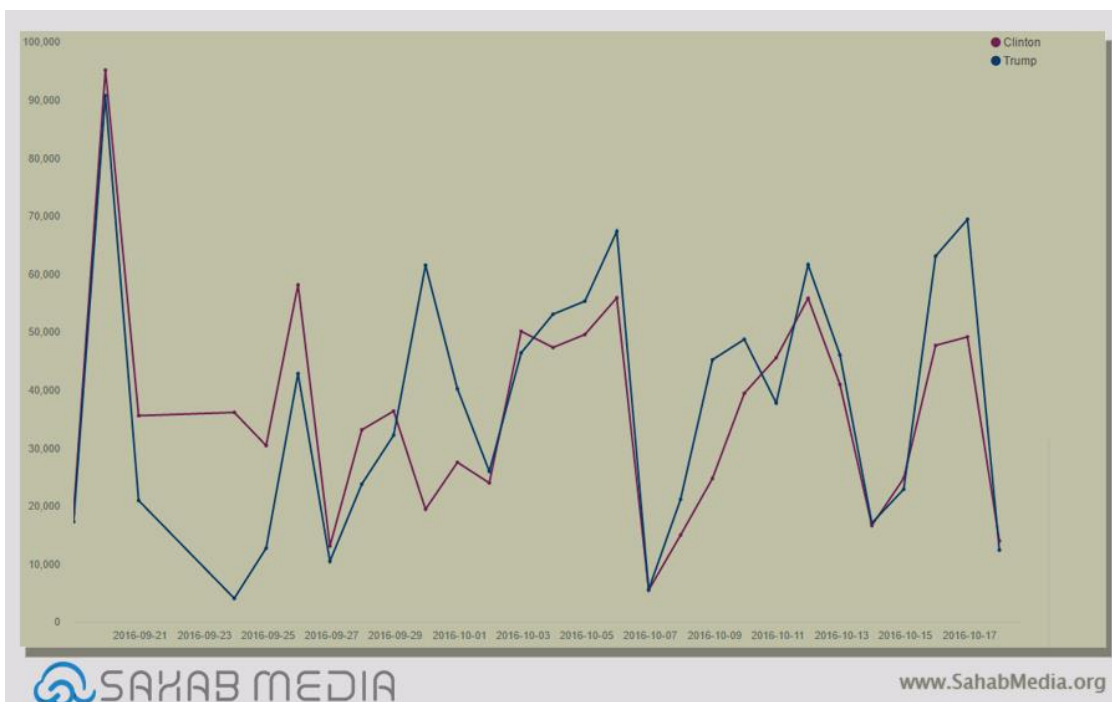


According to the following chart, Trump is the leading candidate in attracting positive feelings during the past 24 hours.



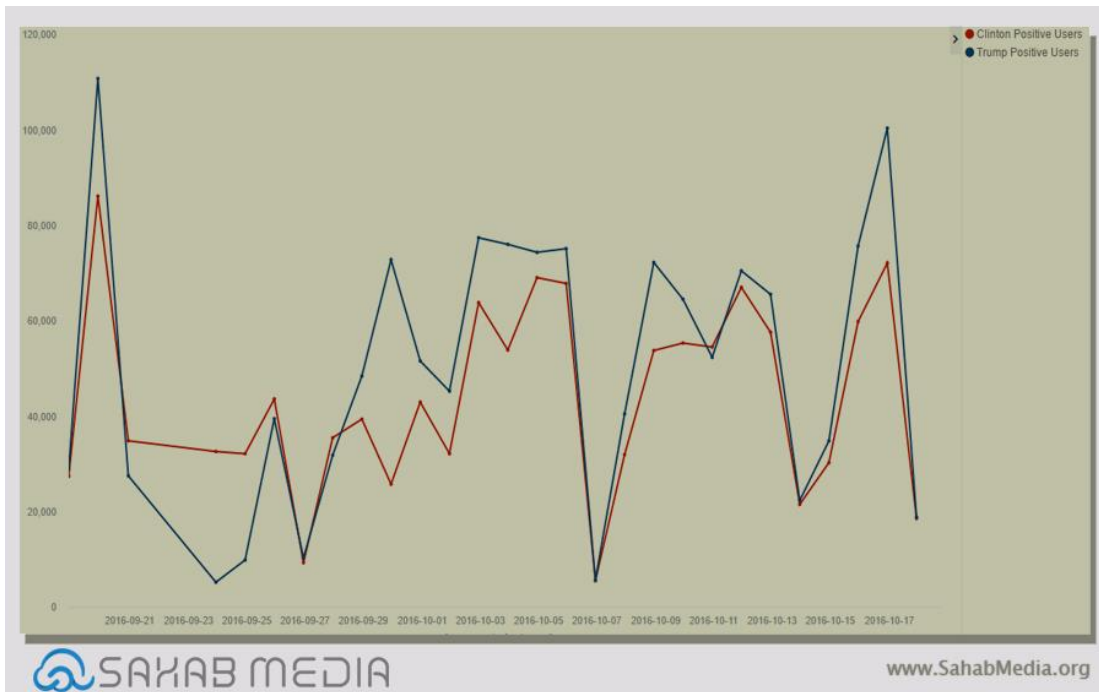
Trump's popularity grows

The following chart also shows the number of accounts that mainly tweeted with a positive attitude towards each candidate. The chart shows an increase in the number of Twitter fans for Donald Trump after September 27th and the number then surpasses that of his Democratic rival after September 29th. It's worth mentioning that the first presidential debate between the two candidates was held in September 26th.



Increase of positive tweets about Trump in comparison to his Democratic rival

As can be seen in the graph detailing the positive tweets regarding both candidates, beginning from the 27th of September, the number of positive opinions tweeted about Trump increased and were in total higher than those of Clinton.



Increase of negative tweets about Clinton in comparison to her Republican rival

In this graph, users with a negative view towards either of the candidates were examined. As can be seen, the number of users with a negative opinion of Clinton was slightly higher than those who hold a negative opinion of Trump.

