

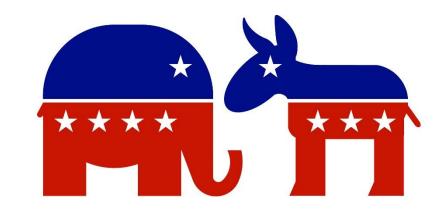
Agenda

- I. US Elections 2020
- II. Social Media as a Political Tool
- III. Real-time Insights use cases
- IV. Tool Capabilities
 - Sentiment Analysis Word Count
 - Sentiment Analysis Word Count
- V. Conclusion and Q&A



I. US Elections 2020: Race Against Time

- 59th quadrennial US elections
- Date: November 3, 2020
- 2 parties:
 - Republican Party
 - Democratic Party





Candidates

24 Democrats2 Republicans



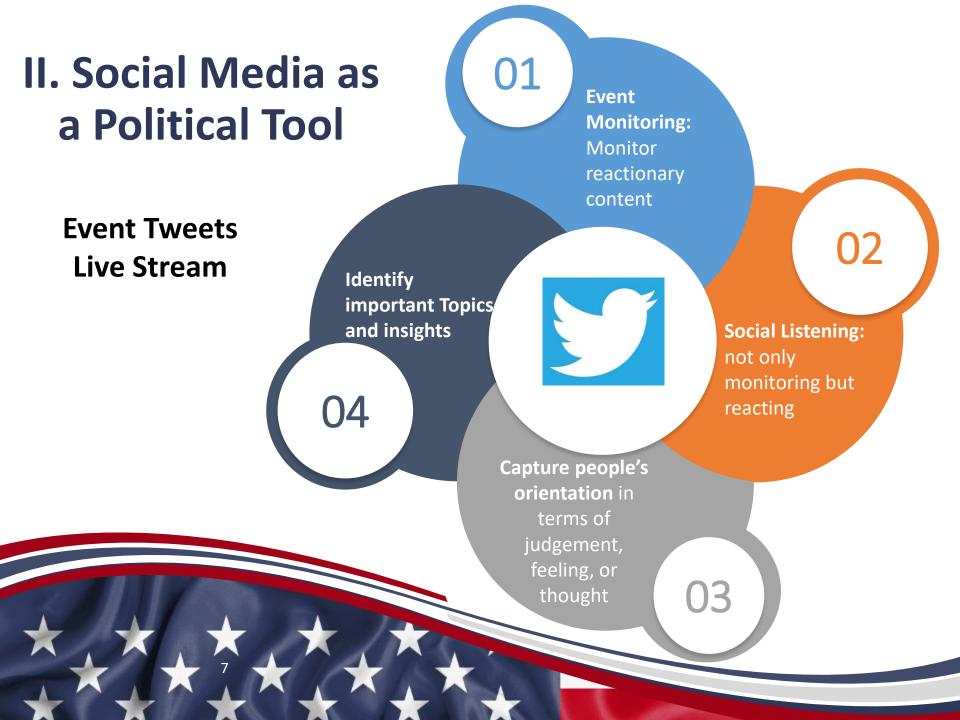




II. Social Media as a Political Tool

- Twitter has 321 million monthly active users globally
- Largest source of breaking news on US elections day: 40 million tweets
- Important political tool : Deliver message, Gather Information
- More followers = More Retweets
- Hashtags, URL's and @mentions=>Viral

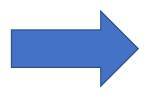




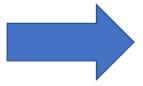
III. Real-Time Insights Use Cases (1 of 3)



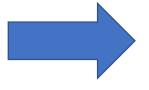




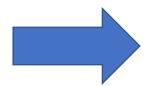
Capture a moment and build on it **INSTANTANEOUSLY**



Deliver the **KEY** words



Identify **STRONG** and **WEAK** points



Discuss the **RELEVANT** topics



III. Real-Time Insights Use Cases (2 of 3)

Recalibrate talking points with these insights:

- Who is talking about the debate? How many?
- What are they talking about? What is the mood?
- What is the location of these conversations?
- Who is gaining popularity?
- Where is the information coming from?
- Any sabotage occurring?



Debates



What could go wrong?



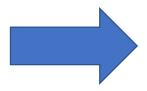
Newt Gingrich

- 2012 Republican Primary debate
- Asked about his ex-wife at the start of the debate
- Within minutes, his negative sentiment increase rapidly – it became 3x more negative in 2 minutes.

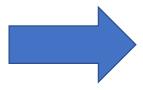
III. Real-Time Insights Use Cases (3 of 3)



Attacks from other Candidates



Immediate Response



Avoid catastrophes

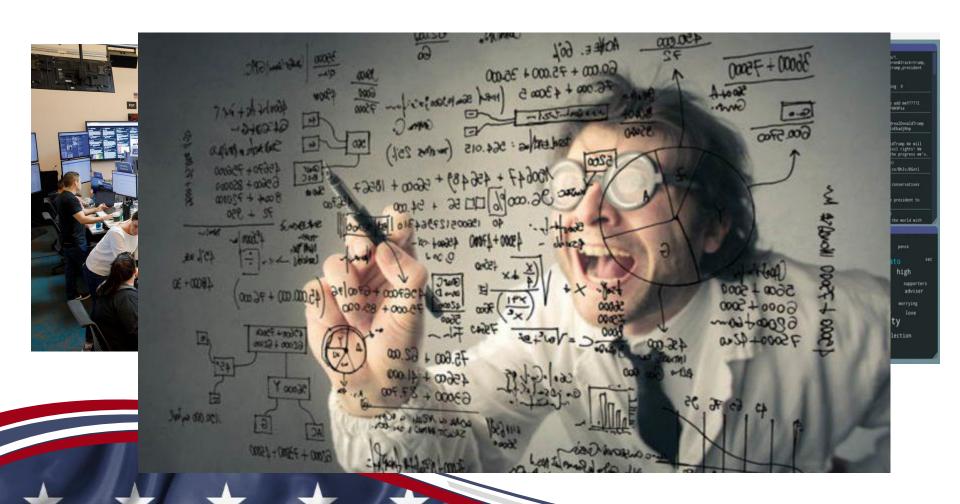


Grand Old Party Debate: 2016

300 PULE 1

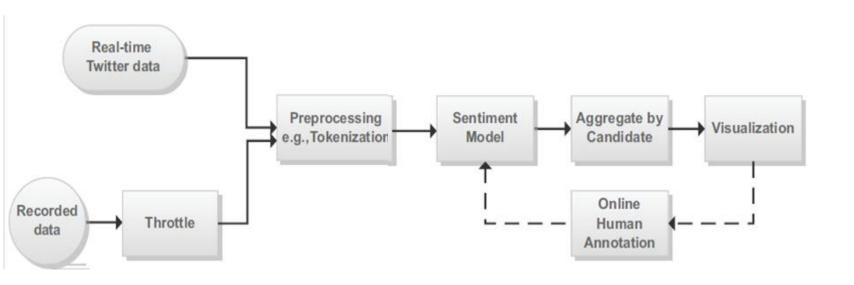
- 1 Ben Carson
- Onald Trump
- Marco Rubio
- 4 🚹 John Kasich
- 5 6 Ted Cruz
- 6 6 Carly Fiorina
- 7 🔹 🕜 Jeb Bush
- 8 8 Rand Paul

Event Moment

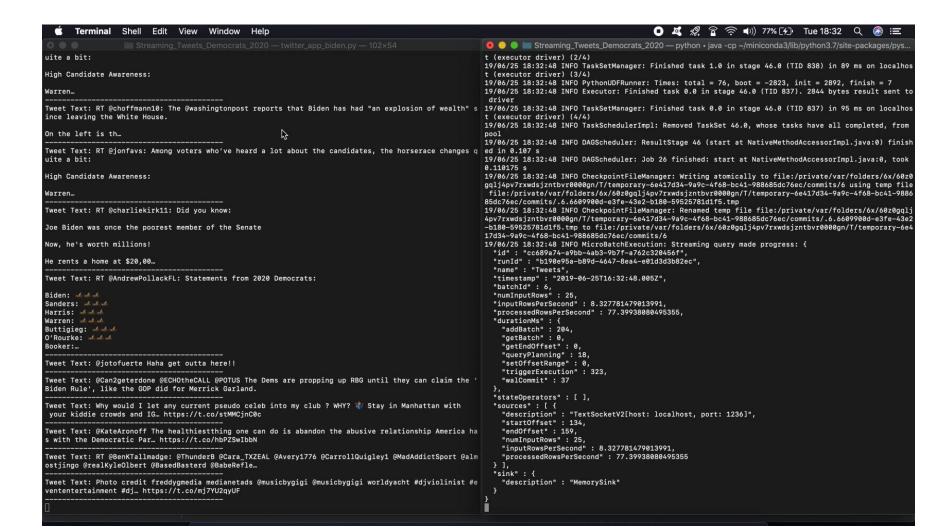




Sentiment Analysis – Word Count and Hashtag Count







Constraints of Twitter Analysis



Political Tweets tend to be sarcastic presenting challenges for computer models



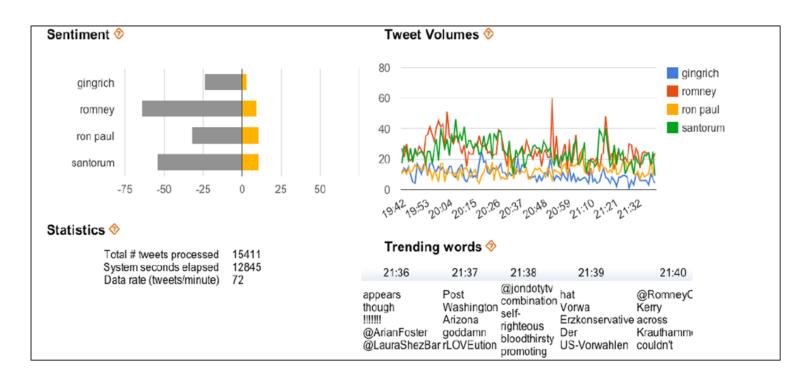
Twitter's Public API only represents 1% or less of its entire traffic which is likely insufficient for accurate analysis of public sentiment



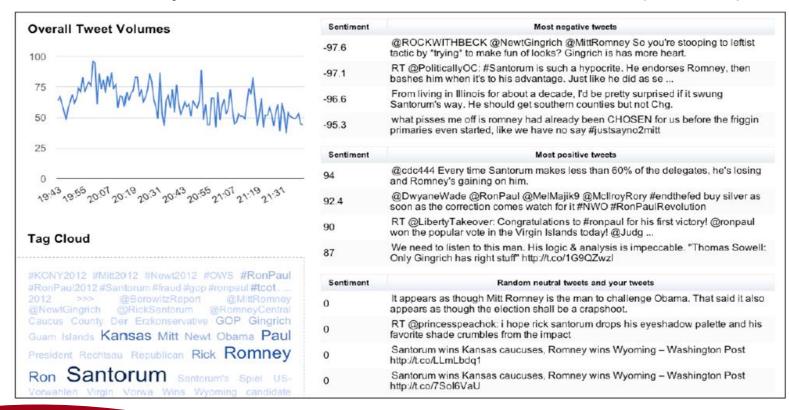
Replies to political messages not be captured by keyword



Next Steps: Dashboard of 2012 Debate (1 of 2)



Next Steps: Dashboard of 2012 Debate (2 of 2)





V. Questions

