

Fans and Fans ONLY! No Rivals Allowed!

The New York Giants have the best fans in the NFL, and maybe even the world. The issue: you do not live in New York and no one in Charlottesville believes you. You must prove your point; your reputation depends on it.



Now the question is, how can you prove that the New York Giants fans are the best concretely in a way that your friend will think is fair?

Your friend would like a clearly defined fan and an explanation on why your data is unbiased.

You have decided that Twitter is the best way to get your data.

Easy right? Maybe not.

You look into filtered tweets based on any time the word “Giants” is mentioned, but some rivals are making nasty comments using your name. Also, they just lost, and some Tweets started talking about baseball.

Now you are puzzled.

You need to prove your point, but how?

Prompt: How can you prove definitively that your team has the best fans compared to all of the other teams using Twitter data?

Your Task:

1. **Filter Twitter data to only show fans of each NFL team**
2. **Figure out when you want to pull the data**
3. **Produce a data set with these unique tweets**

Primary Deliverables:

1. A one-page document outlining your filter criteria and a paragraph about why you chose to do it that way.
2. A one-page document outlining the period you would want to pull tweets from (ex: it can be a season, specific time, date, or no time period in particular) and a one paragraph explanation on why you chose that period of time.
3. An example dataset pulled from a Twitter API with at least 15 unique tweets per team with two columns: the tweet and the team.

[1] C. Creamer, "New York Giants Logo History", SportsLogos.Net.
[Online]. Available: https://www.sportslogos.net/logos/list_by_team/166/new_york_giants/.
[Accessed: Dec. 8, 2022].