

Wrangling Act

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Gathering Data:

Gathering Data was the longest due to twitter in their policies about getting a developer account, and after that it was another challenge by familiarizing my self with the Twitter API although I couldn't get the data from it due to the challenges we faced like twitter new policies we get the extracted data from one of my peers, other than that it was a smooth experience starting by twitter-archive-enhanced.csv provided by Udacity, then the next requests library by downloading using URL provided by Udacity. Then lastly, we put the extracted data in the data frame, and that's concluded our Gathering Data phase.

Assessing Data

We began the Assessing data phase by doing a mix bag of visual assessment and programmatic assessment to assessing the data, we started by the visual assessment by viewing each of our data frames, then we by using the functions we learned throughout the course for programmatic assessment part.

Cleaning Data

Although Cleaning data took me lesser time to complete than the Gathering data, We started by fixing the easier issues then we gradually fixed hard then harder ones, important note that we started doing the merging because if we do it later we may face a lot of issues, thus after merging a we fixed all quality then we completed all tidiness issues, lastly we created a new dataframe that includes all our cleaning, then we stored it in a CSV.

Analyzing and Visualizing Data

We faced some difficulties choosing 3 insight because in our cleaning phase we found a lot of insightful facts about the project then we settled with 3 that intrigued us the most, as for the visualizing we found knowing about the distribution of the sources is fascinating, and maybe the other would found it interesting, and that's conclude our Data Wrangling Project.