The Project was most challenging for a beginner in analysis. First of all when I saw the project I thought I cannot complete it in the stipulated time. But, all thanks to stackoverflow and few other documentations which helped me in understanding the process and proceeding further.

The presence of many columns confused me a lot and made me frustrated. And then I started from my basics again and tried to understand the requirement being asked and how to proceed further. After starting the project I used to get many errors. As instructed I used to copy the errors in google search and try to find out the answers from the experienced developers. I referred documentation for better understanding of the module.

Few of the sites that helped me are :

* <https://nocodewebscraping.com/twitter-json-examples/>
* <http://docs.python-requests.org/en/master/>
* <https://stackoverflow.com>
* <https://docs.python.org/3/index.html>

I dropped the columns which had almost same or null values across all observations because I understood from twitter development website the data in those columns was assosciated with either my interaction with those tweets or was about the publisher of those tweets. I also dropped those which were not used in cleaning or analysis process.

Tidiness issues, While using melt function some observations had more than one dog stage which created multiple observations.

I had seen many names that are not associated with the dogs and which is not that much important as we focus on the tweets.