

PSOSM Assignment - 3

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Maujpur / Tilak Nagar :

For this assignment, we choose Maujpur as our centric location for data collection but we were not able to retrieve good amount of data. So, we added up Tilak Nagar tweets.

We have specifically collected 100 tweets from the above specified location. The data is less because, if we would have collected more tweets, it would have been difficult for us to manually annotate the data. Also, the collected data is between the date of 2020-02-01 to 2020-03-20. We have used this time interval because not much data was available between the dates specified in the assignment.

Here are some of the tweets which we have collected :

Tweeted at : “Thu Mar 19 03:23:09 +0000 2020”

Tweet : “ArvindKejriwal Sir....abhi bhi gyms open hai west delhi tilak nagar jail road mein ...shutter band kr ke open”

Tweeted at : “Thu Mar 19 12:49:25 +0000 2020”

Tweet : “@Ghazali49806399 @dtptraffic Plenty of other places\n1. Azadpur flyover and circle\n2. Uttam Nagar to Dwarka mor metro”

Tweeted at : “Tue Mar 17 05:32:50 +0000 2020”

Tweet : “@mybmc \n@mybmcWardMW \nBanner on above the street light pole. \n\nLocation = Om Shree Shivsai Mandir Marg, Tilak Nagar\u2026 <https://t.co/O6gzSoz3fc>”

Now, we have manually annotated the tweets as truth and rumours. In the folder, we have file called : “A_Truth” and “A_Rumours”. These file have our annotated data.

And in these files, we have categorically divided the data.

To check the rumours, I have used liner regression model (Machine Learning), where I first compute the wight of each tweet and the train the model. I check simply if in the tweet is some popular person is tagged. That is most probably a legitimate tweet (from the fact we have observed the nature of tweets).

The folder contains 2 files : true.json and rumours.json. These file contains the tweets which have been categorised by the algorithm.

Some of the same tweets follows :

True :

Tweets :

“@Wo_Mensi Tilak nagar isn't safe..”

“@mybmc \n@mybmcWardMW \nIllegal private board stapled on above the tree. \n\nLocation = Tilak Nagar Colony, Opposite Am\u2026 <https://t.co/9ZPyKKLbSc>”

Rumours :

Tweets :

“Shop for sale, 79 Lac at Tilak Nagar, Chembur, Mumbai - 126 Florencio, located at Tilak Nagar, Chembur in Mumbai, o\u2026 <https://t.co/r6j1VvtGCj>”

“No Electricity in Tilak Nagar area since morning.\n\nKindly update what's the status ? When can we expect the current\u2026 <https://t.co/Pe0nQfzDq6>”