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Twitter Sentimental Analysis

Twitter Analysis is majorly done in 2 parts namely,

1. Gathering/Fetching the date using Tweepy
2. Analyzing the fetched data
3. Gathering/Fetching the data

* Using twitter’s developer platform API’s to fetch the tweets using tweepy.
* Then using pandas and performing basic operations on gathered data
* The data gathered was around 5000 tweets.
* It was then processed by deleting the ‘Retweets’ and ‘\n’.
* This final data was converted in an Excel file having around 3600 tweets.

1. Analyzing the tweets from the fetched data

* The data fetched was first cleaned by deleting the hyperlinks, any special characters, numbers, etc.
* Each tweets was given a ‘Subjectivity’ and ‘Polarity’
* Plotting a word-Cloud helped to understand most number of keywords in the dataset
* Creating a function to compute the sentimental analysis for the tweets
* This was broadly classified into ‘Positive’, ‘Neutral’, and ‘Negative’ tweets
* Further, we plotted the Sentimental analysis graph Subjectivity VS Polarity
* Also plotted the Sentimental count tweets which were classified into Positive, Neutral and Negative tweets.