# Proposal

# Senetiment Analysis on tweets using machine learning

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# Introduction:

# Sentiment analysis over Twitter offer associations a quick and powerful method for observing the publics' sentiments towards their brand, business, chiefs, and so on. A wide scope of elements and techniques for preparing opinion classifiers for Twitter datasets have been explored lately with fluctuating outcomes. We intend to perform sentiment analysis to investigate twitter data alluding to tweets connecting with gifts, raising money or good cause. This project covers methods and ways to deal with catch extremity of feelings of individuals towards giving for any purpose under exploratory data analysis. By utilizing Natural Language Processing Toolkit (NLTK) we decide if a tweet is of nonpartisan, positive or negative extremity. We are scrapping the data from twitter directly and will perform sentiment analysis to see if the tweet is positive or negative.

# Data:

We are collecting data directly from Twitter, we are using the Python’s module called Tweepy which is used for scrapping twitter tweets. Tweepy is an open source Python bundle that gives you an exceptionally helpful method for getting to the Twitter API with Python. Tweepy incorporates a bunch of classes and strategies that address Twitter's models and API endpoints, and it straightforwardly handles different execution subtleties, for example, Data encoding and disentangling. We are using this module to fetch data of “Lockdown in UK”, we are initially scrapping only 2500 tweets related to our keyword. We will perform the sentimental analysis on these scrapped tweets and will find the positivity and negativity in the tweets regarding the Lockdown.

# Objective/Goal:

The rise of social media has given web clients a scene for communicating and sharing their considerations and assessments on a wide range of points and occasions. Twitter, with almost 600 million users and over 250 million messages for each day. Challenge is to separate significant data from twitter audits, since the idea of content is unstructured. Twitter need been the viewpoint of interest will a couple of experts on fundamental locales like forecast about evenhanded a couple of occasions, client brands, movie film industry, securities exchange, Notoriety from guaranteeing hotshots, etc. we are scrapping the data directly from Twitter using tweept APIs by using a keyword ‘Lockdown’, we will perform sentiment analysis on the scrapped data to see the positivity and negativity in the tweets about lockdown.