PROJECT-1
(TWITTER SENTIMENT ANALYSIS)

The following project is about analysing the sentiments of tweets on social networking website 'Twitter'. The dataset for this project is scraped from Twitter. It contains 1,600,000 tweets extracted using Twitter API. It is a labeled dataset with tweets annotated with the sentiment (0 = negative, 2 = neutral, 4 = positive).

It contains the following 6 fields:

1. target: the polarity of the tweet (*0* = negative, *2* = neutral, *4* = positive)

2. ids: The id of the tweet .

3. date: The date of the tweet (*Sat May 16 23:58:44 UTC 2009*)

4. flag: The query. If there is no query, then this value is NO_QUERY.

5. user: The user that tweeted

6. text: The text of the tweet.

Design a classification model that correctly predicts the polarity of the tweets provided in the dataset.