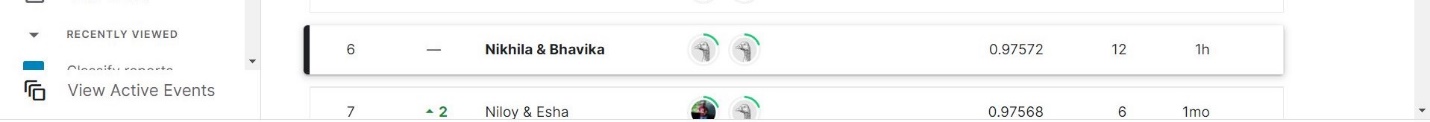
Using different ensemble methods in R and python, classified reports based on date, location, and text description of the report.

Idnetified the missing values and later pre-processed the data by removing punctuations, null values, stop words etc. Extracted latitude and longitude values from X, Y coordinates. Importantly, we reduced the word to its base form using Lemmatization. Later converted the text data to numerical data using Tf-Idf vector.

Now, using the trained data we have implemented the following models.

* CatBoost Classifier Model
* Random Forest Model
* XGBoost Model
* LGBM Classifier Model
* AdaBoost Classifier Model

Below is the Screenshot of our Kaggle leaderboard position after uploading the best prediction.



Attached the .ipyb and .py files of our python code.