

Time for each operation:

- News article Web scrapping: ~3 mins
- Weather data scrapping: ~2 mins

Models:

- Random forest: 112 sec
- SVM: 68 sec
- Regression: 45 sec

Bottle neck:

- The dataset is very small so the end result can be skewed
- The web scrapping for wild fire is taking a long time
- Location based weather reports are hard to find.
- Lower accuracy rate

Performance increase:

- Limiting the use of FOR loop
- Eliminate the unwanted columns from the final table
- Reduce iteration
- Don't use more than 3 models