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# Question

The **main objective** of this project is analyze the how both Newspapers(Times Of India and The Hindu) reacted to major incident on WhatsApp. Also to analyzes the content of these two Newspapers addressing the matter.

## Materials/Methods

- Sentiment Analysis was performed on the content published on the online Newspapers.
- Sentiment analysis was done and compared between both newspapers.
- “9 Most frequently used words” from the newspapers was printed in a table
- The content published by both newspapers was taken using BeautifulSoup and Requests API and word cloud was generated.
- API's Used: BeautifulSoup, requests, numpy, matplotlib, collections, wordcloud , PIL, random, nltk

## Results

## Results 1:

**Times of India**

Sentiment	Percentage
neutral	80.7%
negative	9.6%
positive	9.6%

**The Hindu**

Sentiment	Percentage
neutral	84.0%
negative	10.1%
positive	5.9%

## Results 2:

Times of India Common Words	The Hindu Common Words
WhatsApp	Intelligence
Vulnerability	operating
Spyware	targeted
globally	Vulnerability
operating	Software
compromise	Allowed
developed	Attackers
industry	Information
hallmarks	Investigation

## Results 3:

# The Hindu



# Times of India



# Conclusion

- From both the graphs we can clearly state that "Times of India" is a Newspaper with a more negative compound than The Hindu newspaper.
- The Hindu has used 202 different words where as Times of India has used 171 different words only.
- The Hindu has more lexical diversity than TOI. Hence, reading The Hindu can help people in learning new words.

## Further Information

<https://github.com/44520-s19/wm-final-project-bhagyasree2895>