

# WhatsApp Spyware Attack In Times Of India and The Hindu

NORTHWEST

MISSOURI STATE UNIVERSITY

By: Bhagya Sree Chanda | Advisor: Dr. Nathan Eloe Email: S534662@nwmissouri.edu

# Question

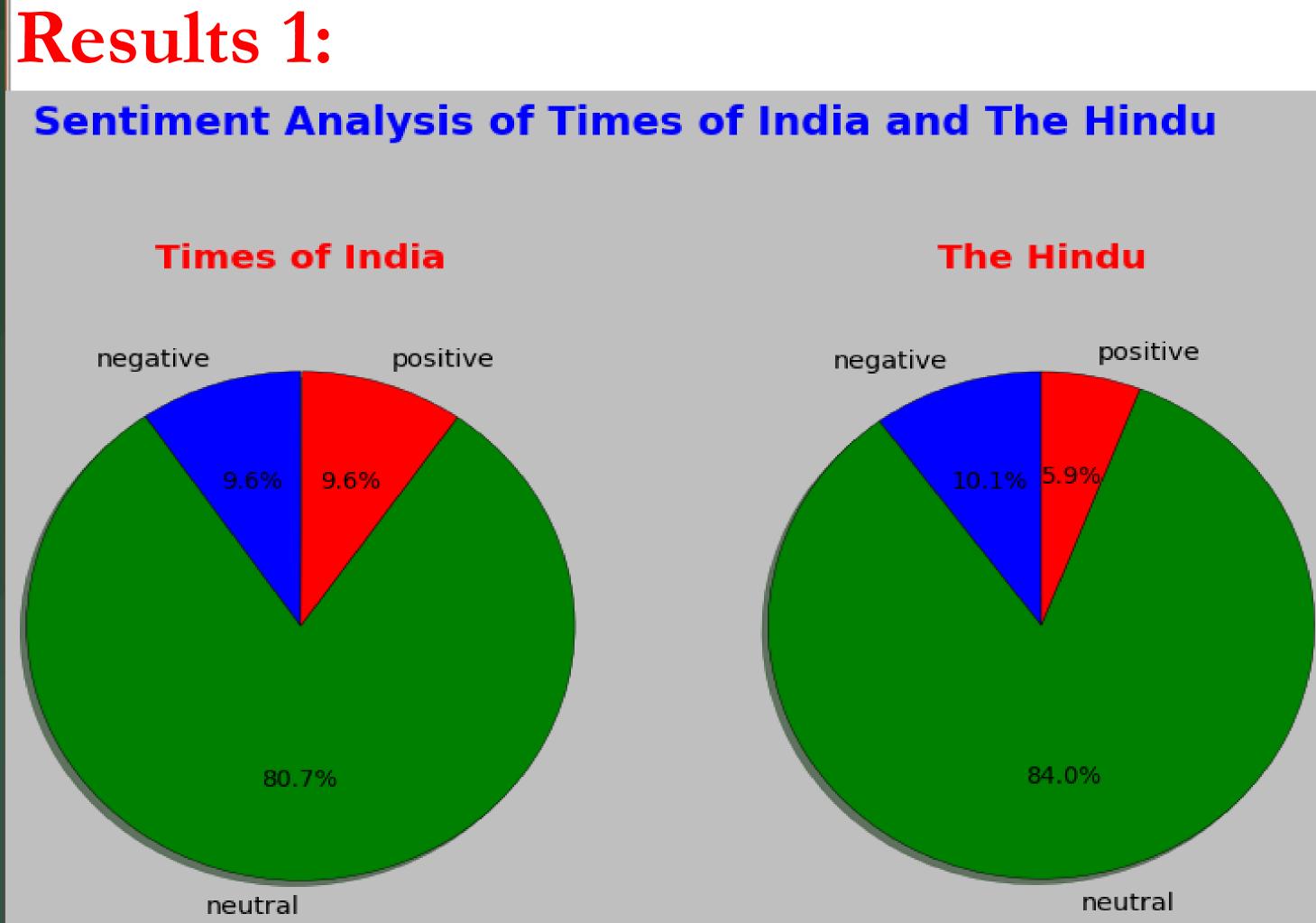
How different are two newspapers discussing a specific news, Which paper is best to read?

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



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

Results 2:

## 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/44520s19/wm-final-projectbhagyasree2895