



WhatsApp Spyware Attack In Times Of India and The Hindu

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Question

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

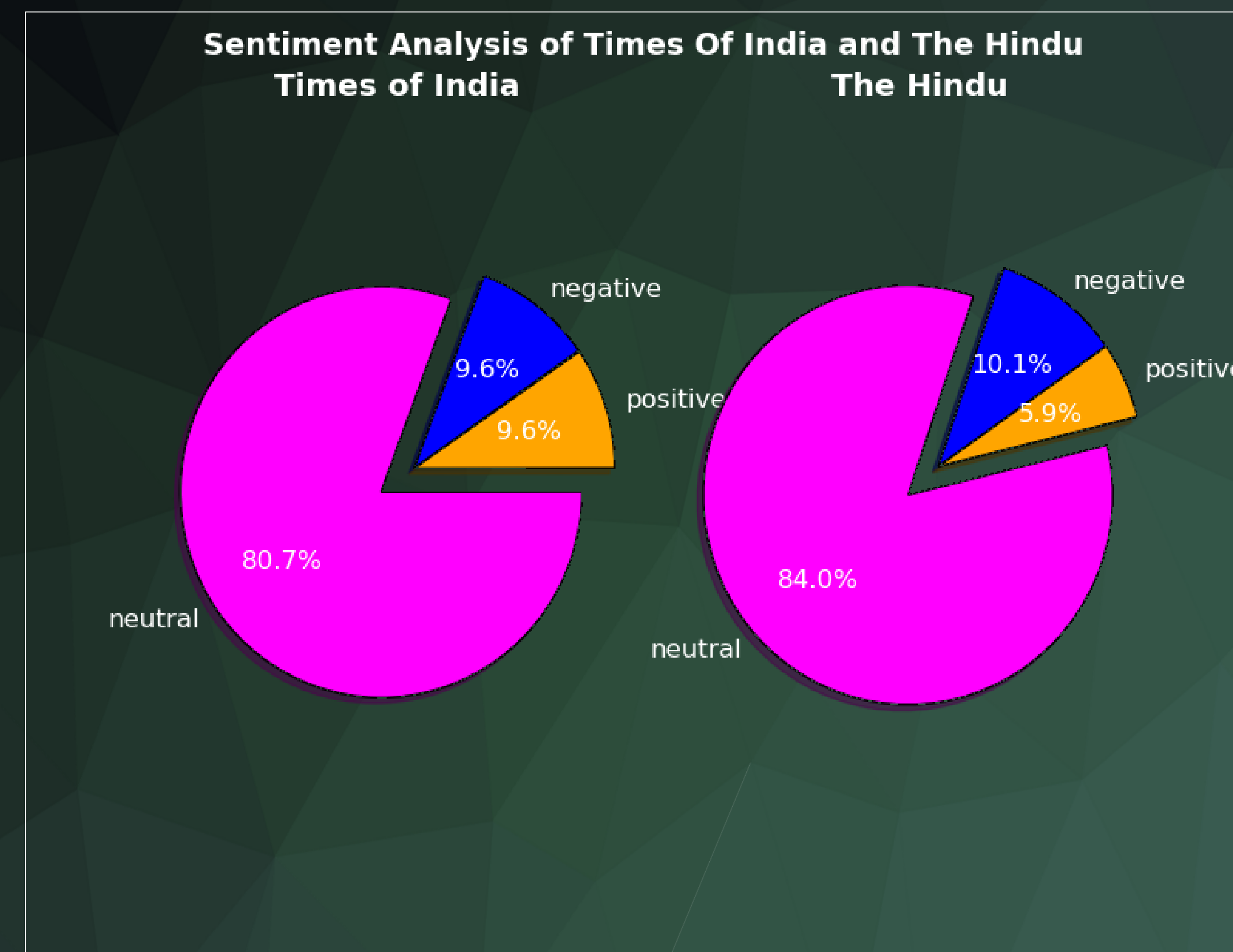
The **main objective** of this project is analyze how both Newspapers(Times Of India and The Hindu) reacted to major incident on WhatsApp. Also to analyze the content of these two Newspapers addressing the matter.

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” other than conjunctions, articles from the newspapers was printed in a table
- The content published by both newspapers, those words are taken and then word cloud was generated.
- API's Used: BeautifulSoup, requests, numpy, matplotlib, collections, wordcloud , PIL, random, nltk

Results

Results 1:



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: Times of India



The Hindu



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 seems to have more aggressive language in the most common words (targeted, hack, attackers), while the Times of India is written more diplomatically
- 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 more new different words.

Further Information

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