

Text Summarization Strategies for the Transcriptions and Articles using NLP:A Review

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Abstract: *Enormous number of videotape recording and papers are being created and participated across the internet throughout a day. It has come really delicate to spend time watching similar vids or reading similar papers which may have a longer duration or length than anticipated and occasionally our sweats may come futile if we could n't find applicable information out of it. recapitulating reiterations of similar vids or recapitulating similar papers automatically allows us to snappily lookout for the important patterns in the videotape and helps us save time and trouble to go through the whole content of the videotape. The analysis is fully grounded on the NLP state of the art fashion which is a part of artificial intelligence which helps in language recognition, summarization etc. This paper focuses on the algorithms which helps in recapitulating the textbooks and reiterations generated. This textbook provides information about how we can use different algorithms to epitomize the textbooks and also converting speech to textbooks for the vids which don't have reiterations and recapitulating it to give an overview about the contents by extractive and abstractive textbook summarization ways. This involve NLP, a type of AI that deals with analysing, understanding and generating natural mortal languages so that computers can reuse written and spoken mortal languages without using computer- driven language.*

Keywords: NLP, artificial intelligence, text summarization techniques, abstractive, extractive

REFERENCES

- [1]. Parth Rajesh Deshia, Hardik Pradeep Pachgade: Study on abstractive text summarization techniques, 2020. Emerging advances in informa Parth Rajesh Deshia, Hardik Pradeep Pachgade: Study on abstractive text summarization techniques, 2020. Emerging advances in information technology and engineering are the focus of this international conference. 2020.
- [2]. Rahul, Saurabhi Adhikari,Monika: NLP based machine learning approaches for text summarization, 2020. fourth international conference on computing methodologies and communication. 2020.
- [3]. Ravali Boorugu and Dr. G. Ramesh: a survey on NLP based text summarization for summarizing product reviews.Second international conference on inventive research and computing application. 2020.
- [4]. Dr. Gajula Ramesh, Dr.J.Somasekar, Dr. Karanam Madhavi, Dr. Gandikota Ramu, Best keyword set recommendations for building service-based systems International Journal of Scientific and Technology Research, volume 8, issue 10, October,2019.
- [5]. Adhika Widyasari, Edy Noersasongko, abdul syukur. International conference on information and communication technology. 2019.
- [6]. Prabhudaas Janjanam and Pradeep Reddy: Text summarization-an essential study. Second international conference on computational intelligence in data science.2019.
- [7]. T. Jo, "K nearest neighbor for text summarization using feature similarity," Proc. - 2017 Int. Conf. Commun. ICCCEE 2017, pp. 1-5, doi: 10.1109/ICCCEE.2017.78667059. Control. Comput. Electron. Eng. ICCCEE 2017, pp. 1-5, doi: 10.1109/ICCCEE.2017.78667059.
- [8]. J. N. Madhuri and R. Ganesh Kumar, "Extractive Text Summarization Using Sentence Ranking," 2019 Int. Conf. Data Sci. Commun. IconDSC 2019, pp. 1-3, 2019, doi: 10.1109/IconDSC.2019.8817040.

- [9]. B. Mutlu, E. A. Sezer, and M. A. Akcayol, "Multi- document extractive text summarization: A comparative assessment on features," Knowledge-Based Syst., vol. 183, p. 104848, 2019, doi: 10.1016/j.knosys.2019.07.019.
- [10]. M. Afsharizadeh, H. Ebrahimpour-Komleh, and A.Bagheri, "Query-oriented text summarization using sentence extraction technique," 2018 4th Int. Conf. Web Res. ICWR 2018, pp. 128–132, 2018, doi: 10.1109/ICWR.2018.8387248.
- [11]. L. Cuiling, "Text Automatic Summarization Generation Algorithm for English Teaching," 2016 Int. Conf. Intell. Transp. Big Data Smart City, p. 2016, 2017