

## An Experiential Learning of Ontology-Based Multi-document Summarization by Removal Summarization Techniques

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**Abstract :** Remarkable development of the Internet along with the new technological innovation, such as high-speed systems and affordable large storage space have led to a tremendous increase in the amount and accessibility to digital records. For any person, studying of all these data is tremendously time intensive, so there is a great need to access effective multi-document summarization (MDS) systems, which can successfully reduce details found in several records into a short, understandable summary or conclusion. For semantic representation of textual details in ontology area, as a theoretical design, our system provides a significant structure. The stability of using the ontology in fixing multi-document summarization problems in the sector of catastrophe control is finding its recommended design. Saliency ranking is usually allocated to each phrase and phrases are rated according to the ranking, then the top rated phrases are chosen as the conclusion. With regards to the conclusion quality, wide tests on a selection of media announcements are appropriate for "Jammu Kashmir Overflow in 2014" records. Ontology centered multi-document summarization methods using "NLP centered extraction" outshine other baselines. Our participation in recommended component is to implement the details removal methods (NLP) to enhance the results.

**Keywords :** disaster management, extraction technique, k-means, multi-document summarization, NLP, ontology, sentence extraction

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