

Bibliography

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Appendix A

Table A.1: Sample TU-HSA dataset

Review	Polarity
मैकॉय ने अपने दूसरे ओवर की पहली गेंद पर टीम इंडिया को एक और झटका दिया और 6 गेंद पर 11 रन बनाकर खेल रहे सूर्यकुमार यादव को भी आउट कर दिया।	-1
भारत को यह मुकाबला 1-3 से हारना पड़ा।	-1
इस के बाद भारत की उम्मीदें टूट गई हैं।	-1
इस बार की हार उसकी पहली गेंद पर रन की संभावनाएं लगभग खत्म हो गई हैं।	-1
यह साफ़ हो चुका है कि भारत को काफ़ी मेहनत के साथ हाल में जीतना होगा।	1

Publications based on the Thesis Works

Journals

1. Gupta A, Sharma U, “Deep Learning-Based Aspect Term Extraction for Sentiment Analysis in Hindi”, *Indian Journal of Science and Technology*, Vol. 17 - Issue 07, 625 - 634, 2024. <https://doi.org/10.17485/IJST/v17i7.2766> (UGC Care Group - II).
1. Gupta A, Sharma U, “Aspect Category Detection using Bi-LSTM-based Deep Learning for Sentiment Analysis for Hindi”, *Journal of Computer Science*, Vol. 20 - Issue 11, 1438-1445, 2024. <https://doi.org/10.3844/jcssp.2024.1438.1445> (Scopus Indexed).

Conferences/Workshops

1. Gupta A, Sharma U, “Machine Learning based Sentiment Analysis of Hindi Data with TF-IDF and Count Vectorization”, *7th International Conference on Computing, Communication and Security (ICCCS - 2022)* (pp. 1 - 5) <https://doi.org/10.1109/ICCCS55188.2022.10079323> (IEEE).
2. Gupta A, Sharma U, “Machine Learning based Aspect Category Detection for Hindi data using TF-IDF and Count Vectorization”, *2nd International Conference on Device Intelligence, Computing and Communication*

Technologies (DICCT - 2024) (pp. 39 - 44) <https://doi.org/10.1109/DICCT61038.2024.10532960> (IEEE).

3. Gupta A, Sharma U, “Deep-Learning Based Aspect Sentiment Classification for Low-Resource Language”, *3rd International Conference on Device Intelligence, Computing and Communication Technologies (DICCT - 2025)(pp. 514-518)*<https://doi.org/10.1109/DICCT64131.2025.10986618>(IEEE).

