

Daftar Pustaka

- [1] “APJII Jumlah Pengguna Internet Indonesia Tembus 221 Juta Orang.” Accessed: Apr. 12, 2024. [Online]. Available: <https://apjii.or.id/berita/d/apjii-jumlah-pengguna-internet-indonesia-tembus-221-juta-orang>
- [2] T. Nazir and L. Thabassum, “Cyberbullying: Definition, Types, Effects, Related Factors and Precautions to Be Taken During COVID-19 Pandemic,” vol. 9, 2021, doi: 10.25215/0904.047.
- [3] S. J. Johnson, M. R. Murty, and I. Navakanth, “A detailed review on word embedding techniques with emphasis on word2vec,” *Multimed Tools Appl*, vol. 83, no. 13, pp. 37979–38007, Apr. 2024, doi: 10.1007/s11042-023-17007-z.
- [4] M. A. S. Nasution and E. B. Setiawan, “Enhancing Cyberbullying Detection on Indonesian Twitter: Leveraging FastText for Feature Expansion and Hybrid Approach Applying CNN and BiLSTM,” *Revue d’Intelligence Artificielle*, vol. 37, no. 4, pp. 929–936, Aug. 2023, doi: 10.18280/ria.370413.
- [5] I. A. Asqolani and E. B. Setiawan, “A Hybrid Deep Learning Approach Leveraging Word2Vec Feature Expansion for Cyberbullying Detection in Indonesian Twitter,” *Ingenierie des Systemes d’Information*, vol. 28, no. 4, pp. 887–895, Aug. 2023, doi: 10.18280/isi.280410.
- [6] Febiana Anistya and Erwin Budi Setiawan, “Hate Speech Detection on Twitter in Indonesia with Feature Expansion Using GloVe,” *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, vol. 5, no. 6, pp. 1044–1051, Dec. 2021, doi: 10.29207/resti.v5i6.3521.
- [7] M. Kamyab, G. Liu, and M. Adjeisah, “Attention-Based CNN and Bi-LSTM Model Based on TF-IDF and GloVe Word Embedding for Sentiment Analysis,” *Applied Sciences (Switzerland)*, vol. 11, no. 23, Dec. 2021, doi: 10.3390/app112311255.
- [8] R. Joshi, A. Gupta, and N. Kanvinde, “Res-CNN-BiLSTM Network for overcoming Mental Health Disturbances caused due to Cyberbullying through Social Media,” Apr. 2022, [Online]. Available: <http://arxiv.org/abs/2204.09738>
- [9] A. Toktarova *et al.*, “Hate Speech Detection in Social Networks using Machine Learning and Deep Learning Methods,” *International Journal of Advanced Computer Science and Applications*, vol. 14, no. 5, 2023, doi: 10.14569/IJACSA.2023.0140542.
- [10] J. Pennington, R. Socher, and C. D. Manning, “GloVe: Global vectors for word representation,” in *EMNLP 2014 - 2014 Conference on Empirical Methods in Natural Language Processing, Proceedings of the Conference*, Association for Computational Linguistics (ACL), 2014, pp. 1532–1543. doi: 10.3115/v1/d14-1162.
- [11] S. S. Sohail *et al.*, “Crawling Twitter data through API: A technical/legal perspective,” May 2021, [Online]. Available: <http://arxiv.org/abs/2105.10724>
- [12] M. Lamba and M. Madhusudhan, “Text Pre-Processing,” in *Text Mining for Information Professionals*, Springer International Publishing, 2022, pp. 79–103. doi: 10.1007/978-3-030-85085-2_3.
- [13] R. A. Rudiyanto and E. B. Setiawan, “Sentiment Analysis Using Convolutional Neural Network (CNN) and Particle Swarm Optimization on Twitter,” *JITK (Jurnal Ilmu Pengetahuan dan Teknologi Komputer)*, vol. 9, no. 2, pp. 188–195, Feb. 2024, doi: 10.33480/jitk.v9i2.5201.
- [14] G. P and S. Juliet, “An Enhanced Approach for Fake News Detection using Ensemble Techniques,” in *2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS)*, IEEE, Mar. 2023, pp. 1957–1962. doi: 10.1109/ICACCS57279.2023.10112856.
- [15] W. Yue and L. Li, “Sentiment analysis using word2vec-cnn-bilstm classification,” in *2020 7th International Conference on Social Network Analysis, Management and Security, SNAMS 2020*, Institute of Electrical and Electronics Engineers Inc., Dec. 2020. doi: 10.1109/SNAMS52053.2020.9336549.
- [16] X. Zhao, L. Wang, Y. Zhang, X. Han, M. Deveci, and M. Parmar, “A review of convolutional neural networks in computer vision,” *Artif Intell Rev*, vol. 57, no. 4, p. 99, Mar. 2024, doi: 10.1007/s10462-024-10721-6.
- [17] S. Mishra, N. Bhatnagar, P. Prakasam, and S. T. R, “Speech emotion recognition and classification using hybrid deep CNN and BiLSTM model,” *Multimed Tools Appl*, vol. 83,

no. 13, pp. 37603–37620, Apr. 2024, doi: 10.1007/s11042-023-16849-x.

- [18] S. Narkhede, “Understanding Confusion Matrix,” Towards Data Science. Accessed: May 05, 2024. [Online]. Available: <https://towardsdatascience.com/understanding-confusion-matrix-a9ad42dcfd62>
- [19] S. T. Laxmi, R. Rismala, and H. Nurrahmi, “Cyberbullying Detection on Indonesian Twitter using Doc2Vec and Convolutional Neural Network,” in *2021 9th International Conference on Information and Communication Technology (ICoICT)*, IEEE, Aug. 2021, pp. 82–86. doi: 10.1109/ICoICT52021.2021.9527420