

## REFERENCES

- [1] J. W. Howard, "Free Speech and Hate Speech," *Annu. Rev. Political Sci.*, vol. 22, pp. 93–109, 2019, doi: 10.1146/annurev-polisci-051517.
- [2] M. A. Fauzi and A. Yuniarti, "Ensemble method for Indonesian twitter hate speech detection," *Indonesian Journal of Electrical Engineering and Computer Science*, vol. 11, no. 1, pp. 294–299, Jul. 2018, doi: 10.11591/ijeecs.v11.i1.pp294-299.
- [3] R. Ahuja, A. Chug, S. Kohli, S. Gupta, and P. Ahuja, "The impact of features extraction on the sentiment analysis," in *Procedia Computer Science*, Elsevier B.V., 2019, pp. 341–348. doi: 10.1016/j.procs.2019.05.008.
- [4] K. Vijayaprabakaran and K. Sathiyamurthy, "Towards activation function search for long short-term model network: A differential evolution based approach," *Journal of King Saud University - Computer and Information Sciences*, vol. 34, no. 6, pp. 2637–2650, Jun. 2022, doi: 10.1016/j.jksuci.2020.04.015.
- [5] A. Patel and A. K. Tiwari, "Sentiment analysis by using recurrent neural network," in *Proceedings of 2nd International Conference on Advanced Computing and Software Engineering (ICACSE)*, 2019. doi: <http://dx.doi.org/10.2139/ssrn.3349572>.
- [6] E. Çano and M. Morisio, "Word Embeddings for Sentiment Analysis: A Comprehensive Empirical Survey," Feb. 2019, [Online]. Available: <http://arxiv.org/abs/1902.00753>
- [7] Y. Wang, A. Sun, J. Han, Y. Liu, and X. Zhu, "Sentiment analysis by capsules," in *The Web Conference 2018 - Proceedings of the World Wide Web Conference, WWW 2018*, Association for Computing Machinery, Inc, Apr. 2018, pp. 1165–1174. doi: 10.1145/3178876.3186015.
- [8] F. Neutatz, B. Chen, Y. Alkhatib, J. Ye, and Z. Abedjan, "Data Cleaning and AutoML: Would an Optimizer Choose to Clean?," *Datenbank-Spektrum*, vol. 22, no. 2, pp. 121–130, Jul. 2022, doi: 10.1007/s13222-022-00413-2.
- [9] C. Tangmanee, "User Test on Text-Based CAPTCHA: A Letter Case Examination," *Journal of Applied Security Research*, vol. 13, no. 2, pp. 250–266, Apr. 2018, doi: 10.1080/19361610.2018.1422372.
- [10] H. T. Y. Achsan, H. Suhartanto, W. C. Wibowo, D. A. Dewi, and K. Ismed, "Automatic Extraction of Indonesian Stopwords," *International Journal of Advanced Computer Science and Applications*, vol. 14, no. 2, 2023, doi: 10.14569/IJACSA.2023.0140221.
- [11] L. Sun, G. Zhao, Y. Zheng, and Z. Wu, "Spectral–Spatial Feature Tokenization Transformer for Hyperspectral Image Classification," *IEEE Transactions on Geoscience and Remote Sensing*, vol. 60, pp. 1–14, 2022, doi: 10.1109/TGRS.2022.3144158.
- [12] W. A. Prabowo and F. Azizah, "ARJUNA) Managed by Ministry of Research, Technology, and Higher Education," *Accredited by National Journal Accreditation*, vol. 4, no. 6, pp. 1142–1148, 2020, [Online]. Available: <http://jurnal.iaii.or.id>
- [13] P. F. Muhammad, R. Kusumaningrum, and A. Wibowo, "Sentiment Analysis Using Word2vec and Long Short-Term Memory (LSTM) for Indonesian Hotel Reviews," in *Procedia Computer Science*, Elsevier B.V., 2021, pp. 728–735. doi: 10.1016/j.procs.2021.01.061.
- [14] D. Jatnika, M. A. Bijaksana, and A. A. Suryani, "Word2vec model analysis for semantic similarities in English words," in *Procedia Computer Science*, Elsevier B.V., 2019, pp. 160–167. doi: 10.1016/j.procs.2019.08.153.
- [15] M. A. Fauzi, "Word2Vec model for sentiment analysis of product reviews in Indonesian language," *International Journal of Electrical and Computer Engineering (IJECE)*, vol. 9, no. 1, p. 525, Feb. 2019, doi: 10.11591/ijece.v9i1.pp525-530.
- [16] P. Cen, K. Zhang, and D. Zheng, "Sentiment Analysis Using Deep Learning Approach," *Journal on Artificial Intelligence*, vol. 2, no. 1, pp. 17–27, 2020, doi: 10.32604/jai.2020.010132.
- [17] A. Dahou, M. A. Elaziz, J. Zhou, and S. Xiong, "Arabic Sentiment Classification Using Convolutional Neural Network and Differential Evolution Algorithm," *Comput Intell Neurosci*, vol. 2019, 2019, doi: 10.1155/2019/2537689.
- [18] Y. Yu, X. Si, C. Hu, and J. Zhang, "A Review of Recurrent Neural Networks: LSTM Cells and Network Architectures," *Neural Comput*, vol. 31, no. 7, pp. 1235–1270, Jul. 2019, doi: 10.1162/neco\_a\_01199.
- [19] W. Shi, Y. Gong, C. Ding, Z. Ma, X. Tao, and N. Zheng, "Transductive Semi-Supervised Deep Learning Using Min-Max Features," 2018, pp. 311–327. doi: 10.1007/978-3-030-01228-1\_19.
- [20] Jack Merullo, Carsten Eickhoff, and Ellie Pavlick, "Language Models Implement Simple Word2Vec-style Vector Arithmetic.," *North American Chapter of the Association for Computational Linguistics*, 2023.
- [21] S. Xiao, S. Huang, Y. Lin, Y. Ye, and W. Zeng, "Let the Chart Spark: Embedding Semantic Context into Chart with Text-to-Image Generative Model," *IEEE Trans Vis Comput Graph*, pp. 1–11, 2023, doi: 10.1109/TVCG.2023.3326913.