

## REFERENCES

- [1] D. Wang and Y. Chen, “A neural computing approach to the construction of information credibility assessments for online social networks,” *Neural Comput Appl*, vol. 31, no. S1, pp. 259–275, Jan. 2019, doi: 10.1007/s00521-018-3734-4.
- [2] M. Azer, M. Taha, H. H. Zayed, and M. Gadallah, “Credibility Detection on Twitter News Using Machine Learning Approach,” *International Journal of Intelligent Systems and Applications*, vol. 13, no. 3, pp. 1–10, Jun. 2021, doi: 10.5815/ijisa.2021.03.01.
- [3] S. A. Floria, F. Leon, and D. Logofătu, “A credibility-based analysis of information diffusion in social networks,” in *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, Springer Verlag, 2018, pp. 828–838. doi: 10.1007/978-3-030-01424-7\_80.
- [4] S. F. Sabbeh and S. Y. Baatwah, “Arabic News Credibility on Twitter: An Enhanced Model Using Hybrid Features,” *J Theor Appl Inf Technol*, vol. 96, no. 8, 2018, [Online]. Available: www.jatit.org
- [5] A. Gupta, P. Kumaraguru, C. Castillo, and P. Meier, “TweetCred: Real-Time Credibility Assessment of Content on Twitter,” *Proceedings of Social Informatics (SocInfo 2014)*, May 2014.
- [6] A. Gupta, H. Lamba, P. Kumaraguru, and A. Joshi, “Faking Sandy: Characterizing and Identifying Fake Images on Twitter during Hurricane Sandy,” in *Proceedings of the 22nd International Conference on World Wide Web*, New York, NY, USA: ACM, May 2013, pp. 729–736. doi: 10.1145/2487788.2488033.
- [7] C. Castillo, M. Mendoza, and B. Poblete, “Information credibility on twitter,” in *Proceedings of the 20th international conference on World wide web*, New York, NY, USA: ACM, Mar. 2011, pp. 675–684. doi: 10.1145/1963405.1963500.
- [8] M. R. Morris, S. Counts, A. Roseway, A. Hoff, and J. Schwarz, “Tweeting is believing?: Understanding microblog credibility perceptions,” in *Proceedings of the ACM 2012 conference on Computer Supported Cooperative Work*, New York, NY, USA: ACM, Feb. 2012, pp. 441–450. doi: 10.1145/2145204.2145274.
- [9] E. B. Setiawan, D. H. Widyantoro, and K. Surendro, “Measuring information credibility in social media using combination of user profile and message content dimensions,” *International Journal of Electrical and Computer Engineering (IJECE)*, vol. 10, no. 4, p. 3537, Aug. 2020, doi: 10.11591/ijece.v10i4.pp3537-3549.
- [10] P. Vyas and O. F. El-Gayar, “Credibility Analysis of News on Twitter using LSTM: An exploratory study,” *AMCIS 2020 Proceedings*, 2020.
- [11] I. Fadhli, L. Hlaoua, and M. N. Omri, “Deep learning-based credibility conversation detection approaches from social network,” *Soc Netw Anal Min*, vol. 13, no. 1, Dec. 2023, doi: 10.1007/s13278-023-01066-z.
- [12] Diaz Tiyasya Putra and Erwin Budi Setiawan, “Sentiment Analysis on Social Media with Glove Using Combination CNN and RoBERTa,” *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, vol. 7, no. 3, pp. 457–563, Jun. 2023, doi: 10.29207/resti.v7i3.4892.

- [13] A. R. I. Fauzy and Erwin Budi Setiawan, "Detecting Fake News on Social Media Combined with the CNN Methods," *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, vol. 7, no. 2, pp. 271–277, Mar. 2023, doi: 10.29207/resti.v7i2.4889.
- [14] M. Roondiwala, H. Patel, and S. Varma, "Predicting Stock Prices Using LSTM," *Article in International Journal of Science and Research*, vol. 6, 2017, doi: 10.21275/ART20172755.
- [15] A. U. Azmi, R. Hidayat, M. Z. Arif, and J. Matematika, "Perbandingan Algoritma Particle Swarm Optimization (PSO) dan Algoritma Glowworm Swarm Optimization (GSO) Dalam Penyelesaian Sistem Persamaan Non Linier (Comparison of Particle Swarm Optimization (PSO) and Glowworm Swarm Optimization (GSO) Algorithms in Solving Non Linear Equation System)", [Online]. Available: <https://jurnal.unej.ac.id/index.php/MIMS/index>
- [16] K. F. Irnanda, A. P. Windarto, and I. S. Damanik, "Optimasi Particle Swarm Optimization Pada Peningkatan Prediksi dengan Metode Backpropagation Menggunakan Software RapidMiner," *JURIKOM (Jurnal Riset Komputer)*, vol. 9, no. 1, p. 122, Mar. 2022, doi: 10.30865/jurikom.v9i1.3836.
- [17] 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.
- [18] J. L. Fleiss, B. Levin, and M. C. Paik, *Statistical methods for rates and proportions*. John Wiley & sons, 2013.
- [19] R. Siringoringo, "Klasifikasi data tidak Seimbang menggunakan algoritma SMOTE dan k-nearest neighbor," *Journal Information System Development (ISD)*, vol. 3, no. 1, 2018.
- [20] K. U. Wijaya and E. B. Setiawan, "Hate Speech Detection Using Convolutional Neural Network and Gated Recurrent Unit with FastText Feature Expansion on Twitter," *Jurnal Ilmiah Teknik Elektro Komputer dan Informatika (JITEKI)*, vol. 9, no. 3, pp. 619–631, 2023, doi: 10.26555/jiteki.v9i3.26532.
- [21] M. N. Saadah, R. W. Atmagi, D. S. Rahayu, and A. Z. Arifin, "Information Retrieval of Text Document with Weighting TF-IDF and LCS," *Jurnal Ilmu Komputer dan Informasi*, vol. 6, no. 1, p. 34, Oct. 2013, doi: 10.21609/jiki.v6i1.216.
- [22] N. Hassan, W. Gomaa, G. Khoriba, and M. Haggag, "Credibility Detection in Twitter Using Word N-gram Analysis and Supervised Machine Learning Techniques," *International Journal of Intelligent Engineering and Systems*, vol. 13, no. 1, pp. 291–300, Feb. 2020, doi: 10.22266/ijies2020.0229.27.
- [23] A. Barua, S. Thara, B. Premjith, and K. P. Soman, "Analysis of Contextual and Non-contextual Word Embedding Models for Hindi NER with Web Application for Data Collection," in *Communications in Computer and Information Science*, Springer Science and Business Media Deutschland GmbH, 2021, pp. 183–202. doi: 10.1007/978-981-16-0401-0\_14.
- [24] Y. Liu *et al.*, "RoBERTa: A Robustly Optimized BERT Pretraining Approach," Jul. 2019, [Online]. Available: <http://arxiv.org/abs/1907.11692>
- [25] E. B. Setiawan, D. H. Widiantoro, and K. Surendro, "Feature expansion using word embedding for tweet topic classification," in *2016 10th International Conference on Telecommunication*

*Systems Services and Applications (TSSA)*, IEEE, Oct. 2016, pp. 1–5. doi: 10.1109/TSSA.2016.7871085.

- [26] J. Pennington, R. Socher, and C. D. Manning, “GloVe: Global Vectors for Word Representation.” [Online]. Available: <http://nlp>.
- [27] D. P. Putra and E. B. Setiawan, “Hoax Detection Using Long Short-Term Memory (LSTM) and Gate Recurrent Unit (GRU) on Social Media,” *Building of Informatics, Technology and Science (BITS)*, vol. 4, no. 4, Mar. 2023, doi: 10.47065/bits.v4i4.3084.
- [28] W. K. Sari, D. P. Rini, and R. F. Malik, “Text Classification Using Long Short-Term Memory With GloVe Features,” *Jurnal Ilmiah Teknik Elektro Komputer dan Informatika*, vol. 5, no. 2, p. 85, Feb. 2020, doi: 10.26555/jiteki.v5i2.15021.
- [29] C. Zhou, C. Sun, Z. Liu, and F. C. M. Lau, “A C-LSTM Neural Network for Text Classification,” Nov. 2015, [Online]. Available: <http://arxiv.org/abs/1511.08630>
- [30] M. N. Ibnu Sina and E. B. Setiawan, “Stock Price Correlation Analysis with Twitter Sentiment Analysis Using The CNN-LSTM Method,” *sinkron*, vol. 8, no. 4, pp. 2190–2202, Oct. 2023, doi: 10.33395/sinkron.v8i4.12855.
- [31] B. P. Salmon, W. Kleynhans, C. P. Schwegmann, and J. C. Olivier, “Proper comparison among methods using a confusion matrix,” in *2015 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)*, IEEE, Jul. 2015, pp. 3057–3060. doi: 10.1109/IGARSS.2015.7326461.