Daftar Pustaka

[1]   W. Medhat, A. Hassan, and H. Korashy, 'Sentiment analysis algorithms and applications: A survey', *Ain Shams Engineering Journal*, vol. 5, no. 4, pp. 1093–1113, Dec. 2014, doi: 10.1016/j.asej.2014.04.011.

[2]   D. M. E. D. M. Hussein, 'A survey on sentiment analysis challenges', *Journal of King Saud University - Engineering Sciences*, vol. 30, no. 4, pp. 330–338, Oct. 2018, doi: 10.1016/j.jksues.2016.04.002.

[3]   E. Cambria, B. Schuller, Y. Xia, and C. Havasi, 'New Avenues in Opinion Mining and Sentiment Analysis', *IEEE Intell Syst*, vol. 28, no. 2, pp. 15–21, Mar. 2013, doi: 10.1109/MIS.2013.30.

[4]   A. Iftikar and Muyassar, 'Analisis Sentimen Twitter: Penanganan Pandemi Covid-19 Menggunakan Metode Hybrid Naïve Bayes, Decision Tree, dan Support Vector Machine', 2022.

[5]   H. K. Sul, A. R. Dennis, and L. Yuan, 'Trading on twitter: The financial information content of emotion in social media', in *Proceedings of the Annual Hawaii International Conference on System Sciences*, IEEE Computer Society, 2014, pp. 806–815. doi: 10.1109/HICSS.2014.107.

[6]   D. H. Spencer, E. L. Santanen, and T. J. Ellis, 'Introduction to Advances in Teaching and Learning Technologies Minitrack', in *2014 47th Hawaii International Conference on System Sciences*, IEEE, Jan. 2014, pp. 2–2. doi: 10.1109/HICSS.2014.10.

[7]   E. F. Fama, 'Efficient Capital Markets: A Review of Theory and Empirical Work', *J Finance*, vol. 25, no. 2, p. 383, May 1970, doi: 10.2307/2325486.

[8]   M. G. Pradana, A. C. Nurcahyo, and P. H. Saputro, 'PENGARUH SENTIMEN DI SOSIAL MEDIA DENGAN HARGA SAHAM PERUSAHAAN', *Edutic - Scientific Journal of Informatics Education*, vol. 6, no. 2, 2020, doi: 10.21107/edutic.v6i2.6992.

[9]   U. D. Gandhi, P. Malarvizhi Kumar, G. Chandra Babu, and G. Karthick, 'Sentiment Analysis on Twitter Data by Using Convolutional Neural Network (CNN) and Long Short Term Memory (LSTM)', *Wirel Pers Commun*, 2021, doi: 10.1007/s11277-021-08580-3.

[10]   F. Miedema, 'Sentiment Analysis with Long Short-Term Memory networks', 2018.

[11]   W. Li, L. Zhu, Y. Shi, K. Guo, and E. Cambria, 'User reviews: Sentiment analysis using lexicon integrated two-channel CNN–LSTM family models', *Applied Soft Computing Journal*, vol. 94, 2020, doi: 10.1016/j.asoc.2020.106435.

[12]   R. Ahuja, A. Chug, S. Kohli, S. Gupta, and P. Ahuja, 'The impact of features extraction on the sentiment analysis', in *Procedia Computer Science*, 2019. doi: 10.1016/j.procs.2019.05.008.

[13]   N. A. Nugroho and E. B. Setiawan, 'Implementation Word2Vec for Feature Expansion in Twitter Sentiment Analysis', *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, vol. 5, no. 5, pp. 837–842, Oct. 2021, doi: 10.29207/resti.v5i5.3325.

[14]   E. Elgeldawi, A. Sayed, A. R. Galal, and A. M. Zaki, 'Hyperparameter tuning for machine learning algorithms used for arabic sentiment analysis', *Informatics*, vol. 8, no. 4, 2021, doi: 10.3390/informatics8040079.

[15]   B. Liu, 'Sentiment analysis and subjectivity', Aug. 2010.

[16]   M. Rhanoui, M. Mikram, S. Yousfi, and S. Barzali, 'A CNN-BiLSTM Model for Document-Level Sentiment Analysis', *Mach Learn Knowl Extr*, vol. 1, no. 3, pp. 832–847, Jul. 2019, doi: 10.3390/make1030048.

[17]   L. xia Luo, 'Network text sentiment analysis method combining LDA text representation and GRU-CNN', *Pers Ubiquitous Comput*, vol. 23, no. 3–4, pp. 405–412, Jul. 2019, doi: 10.1007/s00779-018-1183-9.

[18]   D. T. Putra and E. B. 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.

[19]   A. Hassan and A. Mahmood, 'Convolutional Recurrent Deep Learning Model for Sentence Classification', *IEEE Access*, vol. 6, pp. 13949–13957, Mar. 2018, doi: 10.1109/ACCESS.2018.2814818.

[20]   X. Wang, W. Jiang, and Z. Luo, 'Combination of Convolutional and Recurrent Neural Network for Sentiment Analysis of Short Texts', in *Proceedings of COLING 2016, the 26th International Conference on Computational Linguistics: Technical Papers*, Osaka, Japan: The COLING 2016 Organizing Committee, Dec. 2016, pp. 2428–2437. [Online]. Available: https://aclanthology.org/C16-1229

[21]   N. M. Azahra and E. B. Setiawan, 'Sentence-Level Granularity Oriented Sentiment Analysis of Social Media Using Long Short-Term Memory (LSTM) and IndoBERTweet Method', *Jurnal Ilmiah Teknik Elektro Komputer dan Informatika (JITEKI)*, vol. 9, no. 1, pp. 85–95, 2023, doi: 10.26555/jiteki.v9i1.25765.

[22]   A. U. Rehman, A. K. Malik, B. Raza, and W. Ali, 'A Hybrid CNN-LSTM Model for Improving Accuracy of Movie Reviews Sentiment Analysis', *Multimed Tools Appl*, vol. 78, no. 18, 2019, doi: 10.1007/s11042-019-07788-7.

[23]   S. I. Putri, E. B. Setiawan, and Y. Sibaroni, 'JURNAL MEDIA INFORMATIKA BUDIDARMA Aspect-Based Sentiment Analysis on Twitter Using Long Short-Term Memory Method', 2023, doi: 10.30865/mib.v7i2.5637.

[24]   H. R. Alhakiem and E. B. Setiawan, 'Aspect-Bas1ed Sentiment Analysis on Twitter Using Logistic Regression with FastText Feature Expansion', *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, vol. 6, no. 5, pp. 840–846, Nov. 2022, doi: 10.29207/resti.v6i5.4429.

[25]   S. Alam and N. Yao, 'The impact of preprocessing steps on the accuracy of machine learning algorithms in sentiment analysis', *Comput Math Organ Theory*, vol. 25, no. 3, pp. 319–335, Sep. 2019, doi: 10.1007/s10588-018-9266-8.

[26]   R. T. Wahyuni, D. Prastiyanto, and D. E. Supraptono, 'Penerapan Algoritma Cosine Similarity dan Pembobotan TF-IDF pada Sistem Klasifikasi Dokumen Skripsi', 2017.

[27]   C. Zhang, X. Wang, S. Yu, and Y. Wang, 'Research on Keyword Extraction of Word2vec Model in Chinese Corpus', in *Proceedings - 17th IEEE/ACIS International Conference on Computer and Information Science, ICIS 2018*, 2018. doi: 10.1109/ICIS.2018.8466534.

[28]   M. R. Faisal, 'Ekstraksi Fitur Menggunakan Model Word2vec Untuk Analisis Sentimen Pada Komentar Facebook Effect of features Generated from additional segments in protein sequence classification View project IT Asset Management View project', 2019. [Online]. Available: https://www.researchgate.net/publication/343057288

[29]   A. Jacovi, O. S. Shalom, and Y. Goldberg, 'Understanding Convolutional Neural Networks for Text Classification', Sep. 2018.

[30]   I. Santos, N. Nedjah, and L. de Macedo Mourelle, 'Sentiment analysis using convolutional neural network with fastText embeddings', in *2017 IEEE Latin American Conference on Computational Intelligence (LA-CCI)*, IEEE, Nov. 2017, pp. 1–5. doi: 10.1109/LA-CCI.2017.8285683.

[31]   A. Yadav and D. K. Vishwakarma, 'Sentiment analysis using deep learning architectures: a review', *Artif Intell Rev*, vol. 53, no. 6, pp. 4335–4385, Aug. 2020, doi: 10.1007/s10462-019-09794-5.

[32]   S. Seo, C. Kim, H. Kim, K. Mo, and P. Kang, 'Comparative Study of Deep Learning-Based Sentiment Classification', *IEEE Access*, vol. 8, pp. 6861–6875, 2020, doi: 10.1109/ACCESS.2019.2963426.

[33]   W. R. U. Fadilah, W. A. Kusuma, A. E. Minarno, and Y. Munarko, 'Classification of Human Activity Recognition Utilizing Smartphone Data of CNN-LSTM', *Kinetik: Game Technology, Information System, Computer Network, Computing, Electronics, and Control*, May 2021, doi: 10.22219/kinetik.v6i2.1319.

[34]   D. Normawati and S. A. Prayogi, 'Implementasi Naïve Bayes Classifier Dan Confusion Matrix Pada Analisis Sentimen Berbasis Teks Pada Twitter', 2021.

[35]   F. Novitasari and M. D. Purbolaksono, 'Sentiment Analysis Aspect Level on Beauty Product Reviews Using Chi-Square and Naïve Bayes', *OPEN ACCESS J DATA SCI APPL*, vol. 4, no. 1, pp. 18–030, 2021, doi: 10.34818/JDSA.2021.4.72.

[36]   A. Indriani, 'Klasifikasi Data Forum dengan menggunakan Metode Naïve Bayes Classifier', 2014. [Online]. Available: www.bluefame.com,

[37]   T. D. Gauthier, 'Detecting trends using Spearman's rank correlation coefficient', *Environ Forensics*, vol. 2, no. 4, 2001, doi: 10.1006/enfo.2001.0061.

[38]   P. Schober and L. A. Schwarte, 'Correlation coefficients: Appropriate use and interpretation', *Anesth Analg*, vol. 126, no. 5, 2018, doi: 10.1213/ANE.0000000000002864.

[39]   J. H. Zar, 'Spearman Rank Correlation', in *Encyclopedia of Biostatistics*, Wiley, 2005. doi: 10.1002/0470011815.b2a15150.