

DAFTAR PUSTAKA

- [1] Nizam, Tjitjik Srie Tjahjandarie, dan Didi Rustam, “STATISTIK PENDIDIKAN TINGGI 2022,” 2022.
- [2] Bambang Satrio Lelono, Siti Kustiati, dan Effy Woeri Priljantari, “PROYEKSI KEBUTUHAN TENAGA KERJA DI PERUSAHAAN BERDASARKAN KOMPETENSI PADA SEKTOR TEKNOLOGI INFORMATIKA & KOMUNIKASI PADA TAHUN 2022-2025,” 2022. Diakses: 1 Oktober 2024. [Daring]. Tersedia pada: <https://satudata.kemnaker.go.id/publikasi/69>
- [3] R. Silva Barbon dan A. T. Akabane, “Towards Transfer Learning Techniques—BERT, DistilBERT, BERTimbau, and DistilBERTimbau for Automatic Text Classification from Different Languages: A Case Study,” *Sensors*, vol. 22, no. 21, Nov 2022, doi: 10.3390/s22218184.
- [4] G. ¨ Ozde G ¨ Ul dan S. ¨ ahin, “To Augment or Not to Augment? A Comparative Study on Text Augmentation Techniques for Low-Resource NLP under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International (CC BY-NC-ND 4.0) license,” *Computational Linguistics*, 2022, doi: 10.1162/COLI.
- [5] C. Lee *dkk.*, “StarGazer: A Hybrid Intelligence Platform for Drug Target Prioritization and Digital Drug Repositioning Using Streamlit,” *Front Genet*, vol. 13, Mei 2022, doi: 10.3389/fgene.2022.868015.
- [6] D. Iskandar dan N. Anriani, “Kajian Dampak Sertifikasi Guru dan Pengajaran Berbasis Teknologi Informasi terhadap Kompetensi Guru: Literatur Review,” *JiIP (Jurnal Ilmiah Ilmu Pendidikan)*, 2023, [Daring]. Tersedia pada: <http://Jiip.stkipyapisdompu.ac.id>
- [7] M. A. Khder, “Web scraping or web crawling: State of art, techniques, approaches and application,” *International Journal of Advances in Soft Computing and its Applications*, vol. 13, no. 3, hlm. 144–168, 2021, doi: 10.15849/ijasca.211128.11.
- [8] J. M. Jayoma, E. S. Moyon, dan E. M. O. Morales, “OCR Based Document Archiving and Indexing Using PyTesseract: A Record Management System for DSWD Caraga, Philippines,” dalam *2020 IEEE 12th International*

- Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment, and Management, HNICEM 2020*, Institute of Electrical and Electronics Engineers Inc., Des 2020. doi: 10.1109/HNICEM51456.2020.9400000.
- [9] I. Novie Tri Lestari, D. Iskandar Mulyana, dan S. Cipta Karya Informatika, “IMPLEMENTATION OF OCR (OPTICAL CHARACTER RECOGNITION) USING TESSERACT IN DETECTING CHARACTER IN QUOTES TEXT IMAGES,” 2022.
 - [10] U. Naseem, I. Razzak, dan P. W. Eklund, “A survey of pre-processing techniques to improve short-text quality: a case study on hate speech detection on twitter,” *Multimed Tools Appl*, vol. 80, no. 28–29, hlm. 35239–35266, Nov 2021, doi: 10.1007/s11042-020-10082-6.
 - [11] F. N. Zaman, M. A. Fadhilah, M. A. Ulinuha, dan K. Umam, “MENGANALISIS RESPONS NETIZEN TWITTER TERHADAP PROGRAM MAKAN SIANG GRATIS MENERAPKAN NLP METODE NAÏVE BAYES,” *Jurnal Sistem Informasi, Teknologi Informasi dan Komputer*, vol. 14, no. 3, hlm. 150–233, 2024, [Daring]. Tersedia pada: <https://jurnal.umj.ac.id/index.php/just-it/index>
 - [12] W. G. S. Parwita, “A document recommendation system of stemming and stopword removal impact: A web-based application,” dalam *Journal of Physics: Conference Series*, Institute of Physics Publishing, Feb 2020. doi: 10.1088/1742-6596/1469/1/012050.
 - [13] I. Boban, A. Doko, dan S. Gotovac, “Sentence retrieval using Stemming and Lemmatization with different length of the queries,” *Advances in Science, Technology and Engineering Systems*, vol. 5, no. 3, hlm. 349–354, Jun 2020, doi: 10.25046/aj050345.
 - [14] A. J. Keya, Md. A. H. Wadud, M. F. Mridha, M. Alatiyyah, dan Md. A. Hamid, “AugFake-BERT: Handling Imbalance through Augmentation of Fake News Using BERT to Enhance the Performance of Fake News Classification,” *Applied Sciences*, vol. 12, no. 17, hlm. 8398, Agu 2022, doi: 10.3390/app12178398.

- [15] N. L. Pham, V. Vinh Nguyen, dan T. V. Pham, “A Data Augmentation Method for English-Vietnamese Neural Machine Translation,” *IEEE Access*, vol. 11, hlm. 28034–28044, 2023, doi: 10.1109/ACCESS.2023.3252898.
- [16] I. Athiyyah Rahma dan L. Hulliyyatus Suadaa, “PENERAPAN TEXT AUGMENTATION UNTUK MENGATASI DATA YANG TIDAK SEIMBANG PADA KLASIFIKASI TEKS BERBAHASA INDONESIA STUDI KASUS: DETEKSI JUDUL CLICKBAIT DAN KOMENTAR HATE SPEECH PADA BERITA ONLINE”, doi: 10.25126/jtiik.2023107325.
- [17] F. Fajri *dkk.*, “Membandingkan Nilai Akurasi BERT dan DistilBERT pada Dataset Twitter,” *Jurnal Sistem Informasi*, vol. 8, no. 2, hlm. 71–80, 2022.
- [18] M. A. Bülbül, E. Harirchian, M. F. Işık, S. E. Aghakouchaki Hosseini, dan E. Işık, “A Hybrid ANN-GA Model for an Automated Rapid Vulnerability Assessment of Existing RC Buildings,” *Applied Sciences (Switzerland)*, vol. 12, no. 10, Mei 2022, doi: 10.3390/app12105138.
- [19] T. D. Putra, E. Utami, dan M. P. Kurniawan, “Klasifikasi penderita kanker Paru Paru Menggunakan Algoritma Artificial Neural Network (ANN),” *Explore*, vol. 12, no. 2, hlm. 139–143, Jul 2022, doi: 10.35200/ex.v12i2.67.
- [20] M. Franke dan J. Degen, “The softmax function: Properties, motivation, and interpretation,” 28 September 2023. doi: 10.31234/osf.io/vsw47.
- [21] W. Wu *dkk.*, “Deep Transfer Learning Techniques in Intrusion Detection System-Internet of Vehicles: A State-of-the-Art Review,” 2024, *Tech Science Press*. doi: 10.32604/cmc.2024.053037.
- [22] P. Zhou, X. XIE Zhouchen LIN Shuicheng YAN, X. Xie, Z. Lin, dan S. Yan, “Towards understanding convergence and generalization of AdamW,” *School of Computing and Information Systems*, hlm. 1–8, 2024, [Daring]. Tersedia pada: https://ink.library.smu.edu.sg/sis_research
- [23] Nidhi Gowdra, Roopak Sinha, Stephen MacDonell, dan WeiQi Yan, “MAXIMUM CATEGORICAL CROSS ENTROPY (MCCE): A NOISE-ROBUST ALTERNATIVE LOSS FUNCTION TO MITI-GATE RACIAL BIAS IN CONVOLUTIONAL NEURAL NET-WORKS (CNNS) BY REDUCING OVERFITTING,” *ICLR 2021 Conference Blind*, 2021.

- [24] I. Markoulidakis, G. Kopsiaftis, I. Rallis, dan I. Georgoulas, “Multi-Class Confusion Matrix Reduction method and its application on Net Promoter Score classification problem,” dalam *ACM International Conference Proceeding Series*, Association for Computing Machinery, Jun 2021, hlm. 412–419. doi: 10.1145/3453892.3461323.
- [25] R Documentation, “Confusion Matrices (Contingency Tables),” https://search.r-project.org/CRAN/refmans/qwraps2/html/confusion_matrix.html. Diakses: 24 April 2025. [Daring]. Tersedia pada: https://search.r-project.org/CRAN/refmans/qwraps2/html/confusion_matrix.html
- [26] G. Z. Nabiilah, I. N. Alam, E. S. Purwanto, dan M. F. Hidayat, “Indonesian multilabel classification using IndoBERT embedding and MBERT classification,” *International Journal of Electrical and Computer Engineering*, vol. 14, no. 1, hlm. 1071–1078, Feb 2024, doi: 10.11591/ijece.v14i1.pp1071-1078.
- [27] Q. D. L. Tran dan A. C. Le, “Exploring Bi-Directional Context for Improved Chatbot Response Generation Using Deep Reinforcement Learning,” *Applied Sciences (Switzerland)*, vol. 13, no. 8, Apr 2023, doi: 10.3390/app13085041.
- [28] S. Ouamour, W. Benaouda, dan H. Sayoud, “Optimization Evaluation for Enhancing Deep Learning Performance in Arabic Text Classification,” dalam *ICISS 2024 - Proceedings of the 7th International Conference on Information Science and Systems*, Association for Computing Machinery, Inc, Jan 2025, hlm. 134–139. doi: 10.1145/3700706.3700729.
- [29] Winda Kurnia Sari, D. P. Rini, Reza Firsandaya Malik, dan Iman Saladin B. Azhar, “Multilabel Text Classification in News Articles Using Long-Term Memory with Word2Vec,” *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, vol. 4, no. 2, hlm. 276–285, Apr 2020, doi: 10.29207/resti.v4i2.1655.
- [30] A. Tusa Bagus W, “Klasifikasi Emosi Pada Teks Menggunakan Metode Deep Learning,” 2022. Diakses: 24 April 2025. [Daring]. Tersedia pada: <https://dspace.uui.ac.id/handle/123456789/40586>

- [31] F. Basbeth, “Klasifikasi Emosi Data Text Bahasa Indonesia Menggunakan,” 2024. Diakses: 24 April 2025. [Daring]. Tersedia pada: <https://dspace.uui.ac.id/handle/123456789/51001>

Halaman ini sengaja dikosongkan