

DAFTAR PUSTAKA

- [1] H. N. Haq, M. F. Hasbi, dan H. Maulid, “My TelU: Aplikasi mobile untuk civitas akademika Telkom University berbasis Flutter,” *eProceedings of Applied Science*, vol. 7, no. 5, 2021.
- [2] D. N. Armianti, I. Indriati, dan S. Adinugroho, “Klasifikasi emosi lagu berdasarkan lirik pada teks berbahasa Indonesia menggunakan K-Nearest Neighbor dengan pembobotan WIDF,” *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, vol. 3, no. 10, pp. 10161–10167, Jan. 2020.
- [3] F. A. Wicaksono, A. Romadhony, dan Hasmawati, “Sentiment analysis of university social media using support vector machine and logistic regression methods,” *Indonesia Journal on Computing (Indo-JC)*, Aug. 2022, doi: 10.34818/INDOJC.2022.7.2.638.
- [4] F. Koto, A. Rahimi, J. H. Lau, dan T. Baldwin, “IndoLEM and IndoBERT: A benchmark dataset and pre-trained language model for Indonesian NLP,” dalam *Proc. 28th Int. Conf. Comput. Linguist. (COLING)*, Barcelona, Spain (Online), pp. 757–770, Dec. 2020, doi: 10.18653/v1/2020.coling-main.66.
- [5] B. Wilie et al., “IndoNLU: Benchmark and resources for evaluating Indonesian natural language understanding,” *arXiv preprint arXiv:2009.05387*, 2020.
- [6] Y. Liu et al., “RoBERTa: A robustly optimized BERT pretraining approach,” *arXiv preprint arXiv:1907.11692*, 2019.
- [7] S. M. P. Tyas, R. Sarno, A. T. Haryono, dan K. R. Sungkono, “A robustly optimized BERT using random oversampling for analyzing imbalanced stock news sentiment data,” dalam *Proc. 2023 Int. Conf. Comput. Sci., Inf. Technol. Eng. (ICCoSITE)*, pp. 897–902, 2023, doi: 10.1109/ICCoSITE57641.2023.10127725.

- [8] H. M. Ramdhan, M. D. Purbolaksono, dan Bunyamin, "Sentiment analysis of beauty product reviews using the IndoBERT method and Naive Bayes classification," dalam *Proc. 2024 12th Int. Conf. Inf. Commun. Technol. (ICoICT)*, pp. 397–404, 2024, doi: 10.1109/ICoICT61617.2024.10698198.
- [9] S. Islam, M. J. Islam, M. M. Hasan, S. M. S. M. Ayon, dan S. S. Hasan, "Bengali social media post sentiment analysis using deep learning and BERT model," dalam *Proc. 2022 IEEE Symp. Ind. Electron. Appl. (ISIEA)*, pp. 1–6, 2022, doi: 10.1109/ISIEA54517.2022.9873680.
- [10] A. Chowanda dan Y. Muliono, "Indonesian sentiment analysis model from social media by stacking BERT and BI-LSTM," dalam *Proc. 2022 3rd Int. Conf. Artif. Intell. Data Sci. (AiDAS)*, pp. 278–282, 2022, doi: 10.1109/AiDAS56890.2022.9918717.
- [11] M. N. Abdal, M. H. K. Oshie, M. A. Haue, dan K. Islam, "A transformer-based model for Twitter sentiment analysis using RoBERTa," dalam *Proc. 2023 26th Int. Conf. Comput. Inf. Technol. (ICCIT)*, pp. 1–6, 2023, doi: 10.1109/ICCIT60459.2023.10441627.
- [12] Y. Zhang, H. Jin, D. Meng, J. Wang, dan J. Tan, "A comprehensive survey on process-oriented automatic text summarization with exploration of LLM-based methods," *arXiv preprint arXiv:2403.02901*, 2025.
- [13] J. Devlin, M.-W. Chang, K. Lee, dan K. Toutanova, "BERT: Pre-training of deep bidirectional transformers for language understanding," dalam *Proc. 2019 Conf. North Amer. Chapter Assoc. Comput. Linguist.: Human Lang. Technol.*, vol. 1, pp. 4171–4186, Jun. 2019, doi: 10.18653/v1/N19-1423.
- [14] S. Gundapu dan R. Mamidi, "Transformer based automatic COVID-19 fake news detection system," *arXiv preprint arXiv:2101.00180*, 2021.
- [15] S. Rani dan T. S. Walia, "An experimental study of text preprocessing techniques on user reviews," dalam *Recent Advances in Computing Sciences*, pp. 226–230, CRC Press, 2023.

- [16] T. Wongvorachan, S. He, dan O. Bulut, "A comparison of undersampling, oversampling, and SMOTE methods for dealing with imbalanced classification in educational data mining," *Information*, vol. 14, no. 1, Art. no. 54, 2023, doi: 10.3390/info14010054.
- [17] S. Riyanto, I. S. Sitanggang, T. Djatna, dan T. D. Atikah, "Comparative analysis using various performance metrics in imbalanced data for multiclass text classification," *Int. J. Adv. Comput. Sci. Appl.*, vol. 14, no. 6, Jan. 2023, doi: 10.14569/ijacsa.2023.01406116.
- [18] S. Wada et al., "Oversampling effect in pretraining for bidirectional encoder representations from transformers (BERT) to localize medical BERT and enhance biomedical BERT," *Artif. Intell. Med.*, vol. 153, p. 102889, 2024.
- [19] L. Hu, C. Li, W. Wang, B. Pang, dan Y. Shang, "Performance evaluation of text augmentation methods with BERT on small-sized, imbalanced datasets," dalam *Proc. IEEE Conf. Cognitive Machine Intelligence (CogMI)*, pp. 125–133, Dec. 2022, doi: 10.1109/CogMI56440.2022.00027.
- [20] A. Conneau et al., "Unsupervised cross-lingual representation learning at scale," dalam *Proc. 58th Annu. Meeting Assoc. Comput. Linguist. (ACL)*, Online, pp. 8440–8451, Jul. 2020, doi: 10.18653/v1/2020.acl-main.747.
- [21] M. A. Hedderich et al., "A survey on recent approaches for natural language processing in low-resource scenarios," dalam *Proc. 2021 Conf. North Amer. Chapter Assoc. Comput. Linguist.: Human Lang. Technol. (NAACL-HLT)*, Online, pp. 2545–2568, Jun. 2021, doi: 10.18653/v1/2021.naacl-main.201.
- [22] M. Mosbach, M. Andriushchenko, dan D. Klakow, "On the stability of fine-tuning BERT: Misconceptions, explanations, and strong baselines," *arXiv preprint arXiv:2006.04884*, 2021.

- [23] A. Rogers, O. Kovaleva, dan A. Rumshisky, “A primer in BERTology: What we know about how BERT works,” *Trans. Assoc. Comput. Linguist.*, vol. 8, pp. 842–866, 2020, doi: 10.1162/tacl_a_00349.
- [24] C. Raffel et al., “Exploring the limits of transfer learning with a unified text-to-text transformer,” *J. Mach. Learn. Res.*, vol. 21, no. 140, pp. 1–67, 2020.