

DAFTAR PUSTAKA

- Bengio, Y., Courville, A., & Vincent, P. (2013). Representation learning: A review and new perspectives. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 35(8), 1798–1828.
- Bird Steven, Klein Ewan, & Loper Edward. (2009). *Natural Language Processing with Python*. O'Reilly Media.
- Buda, M., Maki, A., & Mazurowski, M. A. (2018). A systematic study of the class imbalance problem in convolutional neural networks. *Neural Networks*, 106, 249–259.
- Budi, I., & Suryono, R. R. (2023). Application of named entity recognition method for Indonesian datasets: a review. Dalam *Bulletin of Electrical Engineering and Informatics* (Vol. 12, Nomor 2, hlm. 969–978). Institute of Advanced Engineering and Science.
- <https://doi.org/10.11591/eei.v12i2.4529>
- Collobert, R., Weston, J., Com, J., Karlen, M., Kavukcuoglu, K., & Kuksa, P. (2011). Natural Language Processing (Almost) from Scratch. Dalam *Journal of Machine Learning Research* (Vol. 12).
- Dai, Z., Yang, Z., Yang, Y., Carbonell, J., Le, Q. V., & Salakhutdinov, R. (2019). *Transformer-XL: Attentive Language Models Beyond a Fixed-Length Context*. <http://arxiv.org/abs/1901.02860>
- Devlin, J., Chang, M.-W., Lee, K., Google, K. T., & Language, A. I. (2019). *BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding*. 4171–4186. <https://github.com/tensorflow/tensor2tensor>
- Ekayanta, P. (2022). *Analisis Diskursus Pidato Kenegaraan Presiden Republik Indonesia Tahun 2020-2022*.
- Feng, S., Gangal, V., Wei, J., Chandar, S., Vosoughi, S., Mitamura, T., & Hovy, E. (2021). A Survey of Data Augmentation Approaches for NLP. *ACL Findings*.
- Halterman, A. (2020). *Extracting Political Events from Text Using Syntax and Semantics*. <https://andrewhalterman.com>.

- Ikhwan Syafiq, M., Shukor Talib, M., Salim, N., Haron, H., & Alwee, R. (2019). A Concise Review of Named Entity Recognition System: Methods and Features. *IOP Conference Series: Materials Science and Engineering*, 551(1). <https://doi.org/10.1088/1757-899X/551/1/012052>
- Jurafsky, D., & Martin, J. H. (2023). *Speech and Language Processing An Introduction to Natural Language Processing, Computational Linguistics, and Speech Recognition with Language Models Third Edition draft Summary of Contents.*
- Koto, F., Lau, J. H., & Baldwin, T. (2021). *IndoBERTweet: A Pretrained Language Model for Indonesian Twitter with Effective Domain-Specific Vocabulary Initialization.* <http://arxiv.org/abs/2109.04607>
- Kudo, T. (2018). Subword Regularization: Improving Neural Network Translation Models with Multiple Subword Candidates. <http://arxiv.org/abs/1804.10959>
- Permana, H., & Purnamasari, K. K. (2019). *Named Entity Recognition Menggunakan Metode Bidirectional Lstm-Crf Pada Teks Bahasa Indonesia.*
- Preuer, K., Renz, P., Unterthiner, T., Hochreiter, S., & Klambauer, G. (2018). Fréchet chemnet distance: A metric for generative models for molecules in drug discovery. *Journal of Chemical Information and Modeling*, 58(9), 1736–1741. <https://doi.org/10.1021/acs.jcim.8b00234>
- Sayarizki, P., & Nurrahmi, H. (2024). Implementation of IndoBERT for Sentiment Analysis of Indonesian Presidential Candidates. *Indonesian Journal on Computing (Indo-JC)*, 9(2), 61–72. <https://doi.org/10.34818/indojc.2024.9.2.934>
- Schuster Mike, & Nakajima Kaisuke. (2012, Maret). *Japanese and Korean Voice Search.*
- Shorten, C., & Khoshgoftaar, T. M. (2019). A survey on Image Data Augmentation for Deep Learning. *Journal of Big Data*, 6(1), 1–48.
- Sokolova, M., & Lapalme, G. (2009). A systematic analysis of performance measures for classification tasks. *Information Processing & Management*, 45(4), 427–437. <https://doi.org/10.1016/j.ipm.2009.03.002>

- Sun, C., Qiu, X., Xu, Y., & Huang, X. (2020). How to fine-tune BERT for text classification? In Chinese Computational Linguistics: 18th China National Conference, CCL 2019, Kunming, China, October 18–20, 2019, Proceedings (pp. 194–206). Springer International Publishing. https://doi.org/10.1007/978-3-030-63031-7_14
- Widyawan, W., Utomo, B. P., & Rizala, M. N. (2024). A Novel Fusion of Machine Learning Methods for Enhancing Named Entity Recognition in Indonesian Language Text. *Jurnal Sistem Informasi Bisnis*, 14(4), 311–320. <https://doi.org/10.21456/vol14iss4pp311-320>
- Wilie, B., Vincentio, K., Winata, G. I., Cahyawijaya, S., Li, X., Lim, Z. Y., Soleman, S., Mahendra, R., Fung, P., Bahar, S., & Purwarianti, A. (2020). *IndoNLU: Benchmark and Resources for Evaluating Indonesian Natural Language Understanding*. <http://arxiv.org/abs/2009.05387>
- Yadav, V., & Bethard, S. (2019). *A Survey on Recent Advances in Named Entity Recognition from Deep Learning models*. <http://arxiv.org/abs/1910.11470>
- Yanti, R. M., Santoso, I., & Suadaa, L. H. (2021). Application of Named Entity Recognition via Twitter on SpaCy in Indonesian (Case Study: Power Failure in the Special Region of Yogyakarta). *Indonesian Journal of Information Systems (IJIS)*, 4(1), 76–86.
- Zhang, Y., Zhang, P., & Yuan, C. (2021). A closer look at the training and evaluation of deep learning models. Proceedings of the 2021 International Conference on Artificial Intelligence and Advanced Manufacturing, 1–7. <https://doi.org/10.1145/3491394.3491401>

