

DAFTAR PUSTAKA

- Anugerah Simanjuntak, Rosni Lumbantoruan, Kartika Sianipar, Rut Gultom, Mario Simaremare, Samuel Situmeang and Erwin Panggabean. 2024. "Research and Analysis of IndoBERT Hyperparameter Tuning in Fake News Detection". *Jurnal Nasional Teknik Elektro Dan Teknologi Informasi* 13: 60–67. <<https://doi.org/10.22146/jnteti.v13i1.8532>>.
- Aras, Suhardi, Muhammad Yusuf, Reinhard Yohanis Ruimassa, Elli Agustinus Billi Wambrauw and Elsa Bura Pala'langan. 2024. "Sentiment Analysis on Shopee Product Reviews Using IndoBERT". *Journal of Information Systems and Informatics* 6: 1616–1627. <<https://doi.org/10.51519/journalisi.v6i3.814>>.
- Ardiansyah, Adika Sri Widagdo, Krisna Nuresa Qodri, Fachruddin Edi Nugroho Saputro and Nisrina Akbar Rizky P. 2023. "Analisis Sentimen Terhadap Pelayanan Kesehatan Berdasarkan Ulasan Google Maps Menggunakan BERT". *Jurnal Fasilkom* 13: 326–333. <<https://doi.org/10.37859/jf.v13i02.5170>>.
- Asri, Yessy, Dwina Kuswardani, Widya Nita Suliyanti, Yosef Owen Manullang and Atikah Rifdah Ansyari. 2025. "Sentiment Analysis Based on Indonesian Language Lexicon and IndoBERT on User Reviews PLN Mobile Application". *Indonesian Journal of Electrical Engineering and Computer Science* 38: 677. <<https://doi.org/10.11591/ijeecs.v38.i1.pp677-688>>.
- Chen, Qian, Zhu Zhuo and Wen Wang. 2019. "BERT for Joint Intent Classification and Slot Filling". <<http://arxiv.org/abs/1902.10909>>.
- Devlin, Jacob, Ming Wei Chang, Kenton Lee and Kristina Toutanova. 2019. "BERT: Pre-Training of Deep Bidirectional Transformers for Language Understanding". *NAACL HLT 2019 - 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies - Proceedings of the Conference* 1: 4171–4186.
- Dewantari, Dhevina, Ega Javier Harwenda, Mugi Rohimah, Muhammad Ridho Kurniawan Pratama and Yova Ruldeviyani. 2022. "Sentiment Analysis of the Job Creation Law on Twitter Data Using Support Vector Machine". <<https://doi.org/10.4108/eai.28-10-2020.2315355>>.
- Gelar Guntara, Rangga. 2023. "Pemanfaatan Google Colab Untuk Aplikasi Pendeteksian Masker Wajah Menggunakan Algoritma Deep Learning YOLOv7". *Jurnal Teknologi Dan Sistem Informasi Bisnis* 5: 55–60. <<https://doi.org/10.47233/jteksis.v5i1.750>>.
- Halim, Jeremy Michael, Prama Neszhua Hoshe, Sebastian Soenarto and Rhio Sutoyo. 2024. "Comparative Analysis of Machine Learning, Deep Learning, and IndoBERT Models Using SPAMID-PAIR Dataset". *Proceedings - 2024 International of Seminar on Application for Technology of Information and Communication: Smart And Emerging Technology for a Better Life, ISemantic 2024*, no. September: 253–259. <<https://doi.org/10.1109/iSemantic63362.2024.10762382>>.
- Haris, Muhammad, Aries Suharso, E Haodudin Nurkifli, Program Studi Informatika, Universitas Singaperbangsa Karawang and Telukjambe Timur. 2024. "ANALISIS SENTIMEN PADA GAME EFOOTBALL DI GOOGLE PLAY STORE MENGGUNAKAN ALGORITMA INDOBERT" 8: 12108–12121.

- Hidayat, Ilham Rizki and Warih Maharani. 2022. "General Depression Detection Analysis Using IndoBERT Method". *International Journal on Information and Communication Technology (IJoICT)* 8: 41–51. <<https://doi.org/10.21108/ijoiict.v8i1.634>>.
- Jurafsky, James H Martin Daniel. 2020. "*N-Gram Language Models N-Gram Language Models*".
- Khder, Moaiad Ahmad. 2021. "Web Scraping or Web Crawling: State of Art, Techniques, Approaches and Application". *International Journal of Advances in Soft Computing and Its Applications* 13: 144–168. <<https://doi.org/10.15849/ijasca.211128.11>>.
- Klebanov, Beata Beigman and Nitin Madnani. 2022. *Synthesis Lectures on Human Language Technologies. Synthesis Lectures on Human Language Technologies*. Vol. 14. Morgan & Claypool Publishers. <<https://doi.org/10.2200/S01121ED1V01Y202108HLT052>>.
- Koto, Fajri, Afshin Rahimi, Jey Han Lau and Timothy Baldwin. 2020. "IndoLEM and IndoBERT: A Benchmark Dataset and Pre-Trained Language Model for Indonesian NLP". *COLING 2020 - 28th International Conference on Computational Linguistics, Proceedings of the Conference*, 757–770. <<https://doi.org/10.18653/v1/2020.coling-main.66>>.
- Lastetria, M. S. (2024). *Implementasi Bidirectional Encoder Representations from Transformers (BERT) untuk analisis sentimen pengguna aplikasi Gojek* (Skripsi, Universitas Pembangunan Nasional "Veteran" Yogyakarta, Program Studi Informatika).
- Maulana, Agi and Yuliant Sibaroni. 2019. "Klasifikasi Sentimen Ulasan Tempat Makan Berbahasa Indonesia Menggunakan Lexicon Dan Improved Naive Bayes". *Journal on Computing* 4: 107–116. <<https://doi.org/10.21108/indojc.2019.4.3.369>>.
- Muraina, Ismail Olaniyi. 2022. "Ideal Dataset Splitting Ratios in Machine Learning Algorithms: General Concerns for Data Scientists and Data Analysts". *7th International Mardin Artuklu Scientific Researches Conference*, no. February: 496–504. <<https://www.researchgate.net/publication/358284895>>
- Nugroho, Rizki, Najmul Azka, Wakhid Sayudha and Rendra Graha. 2025. "Jurnal JTik (Jurnal Teknologi Informasi Dan Komunikasi) Analisis Sentimen Ulasan Aplikasi Mobile JKN Di Google" 9: 495–505.
- Rahmatullah, Bella. 2021. *Sentiment Analysis Pelaksanaan Work From Home Di Indonesia Pada Masa Pandemi COVID-19 Menggunakan IndoBERT*. Institut Teknologi Sepuluh Nopember. <https://repository.its.ac.id/91493/1/06111640000078-Undergraduate_Thesis.pdf>.
- Rizqiawan, Hendrik, Iful Novianto and Trisa Indrawati. 2023. "Efektivitas Google Maps Sebagai Fungsi Promosi Dan Media EWOM Pada Pelaku Usaha Kuliner Surabaya". *Jurnal Orientasi Bisnis Dan Entrepreneurship (JOBS)* 4: 153–165. <<https://doi.org/10.33476/jobs.v4i2.4139>>.
- Sparks, Beverley A. and Victoria Browning. 2011. "The Impact of Online Reviews on Hotel Booking Intentions and Perception of Trust". *Tourism Management* 32: 1310–1323. <<https://doi.org/10.1016/j.tourman.2010.12.011>>.
- Suhanda, Yogasetya, Ike Kurniati and Siti Norma. 2020. "Penerapan Metode Crisp-DM Dengan Algoritma K-Means Clustering Untuk Segmentasi Mahasiswa Berdasarkan Kualitas Akademik". *Jurnal Teknologi Informatika Dan Komputer* 6: 12–20. <<https://doi.org/10.37012/jtik.v6i2.299>>.
- Sun, Chi, Xipeng Qiu, Yige Xu and Xuanjing Huang. 2019. "How to Fine-Tune BERT for Text Classification?" *Lecture Notes in Computer Science (Including Subseries Lecture Notes in*

- Artificial Intelligence and Lecture Notes in Bioinformatics*) 11856 LNAI: 194–206. <https://doi.org/10.1007/978-3-030-32381-3_16>.
- Syahid, Achyar Jhonathan and Deni Mahdiana. 2021. “Perbandingan Algoritma Untuk Klasifikasi Analisis Sentimen Terhadap Genose Pada Media Sosial Twitter”. *SemanTIK* 7: 9. <<https://doi.org/10.55679/semantik.v7i1.18087>>.
- Vaswani, Ashish, Noam Shazeer, Niki Parmar, Jakob Uszkoreit, Llion Jones, Aidan N. Gomez, Łukasz Kaiser and Illia Polosukhin. 2017. “Attention Is All You Need”. *Advances in Neural Information Processing Systems* 2017-Decem: 5999–6009.
- Wati, Risa and Siti Ernawati. 2021. “Analisis Sentimen Persepsi Publik Mengenai PPKM Pada Twitter Berbasis SVM Menggunakan Python”. *Jurnal Teknik Informatika UNIKA Santo Thomas* 06: 240–247. <<https://doi.org/10.54367/jtiust.v6i2.1465>>.
- Wilie, Bryan, Karissa Vincentio, Genta Indra Winata, Samuel Cahyawijaya, Xiaohong Li, Zhi Yuan Lim, Sidik Soleman, et al. 2020. “IndoNLU: Benchmark and Resources for Evaluating Indonesian Natural Language Understanding”. <<http://arxiv.org/abs/2009.05387>>.