DAFTAR PUSTAKA

Abdurrahman, G., Oktavianto, H., & Sintawati, M. (2022). Optimasi Algoritma XGBoost Classifier Menggunakan Hyperparameter Gridesearch dan Random Search Pada Klasifikasi Penyakit Diabetes. *Informal: Informatics Journal*, *7*(3). https://doi.org/10.19184/isj.v7i3.35441

Al Muqsith Prasetyo, P., & Hermawan, A. (2023). Analisis sentimen twitter terhadap pemilihan presiden menggunakan algoritma naïve bayes. *Infotech : Jurnal Informatika & Teknologi*, *4*(2). https://doi.org/10.37373/infotech.v4i2.863

Alfarizi, M. R. S., Al-farish, M. Z., Taufiqurrahman, M., Ardiansah, G., & Elgar, M. (2023). Penggunaan Python Sebagai Bahasa Pemrograman untuk Machine Learning dan Deep Learning. *Karya Ilmiah Mahasiswa Bertauhid (Karimah, Tauhid)*, *2*(1).

Asri, Y., Suliyanti, W. N., Kuswardani, D., & Fajri, M. (2022). Pelabelan Otomatis Lexicon Vader dan Klasifikasi Naive Bayes dalam menganalisis sentimen data ulasan PLN Mobile. *Petir*, *15*(2). https://doi.org/10.33322/petir.v15i2.1733

Bello, A., Ng, S. C., & Leung, M. F. (2023). A BERT Framework to Sentiment Analysis of Tweets. *Sensors*, *23*(1). https://doi.org/10.3390/s23010506

Chaudhary, A., Chouhan, K. S., Gajrani, J., & Sharma, B. (2020). Deep learning with PyTorch. Dalam *Machine Learning and Deep Learning in Real-Time Applications*. https://doi.org/10.4018/978-1-7998-3095-5.ch003

Church, K. W., Chen, Z., & Ma, Y. (2021). Emerging trends: A gentle introduction to fine-tuning. *Natural Language Engineering*, *27*(6). https://doi.org/10.1017/S1351324921000322

Devlin, J., Chang, M. W., Lee, K., & Toutanova, K. (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*.

Dimetheo, G., Salsabila, A., Ceysha, N., & Izaak, A. (2023). Implementasi Core Tax Administration System sebagai Upaya Mendorong Kepatuhan Pajak di Indonesia. *Prosiding Seminar Nasional Ekonomi dan Perpajakan*, *3*(1).

Dwicahyo, K., & Indah Ratnasari, C. (2023). Perbandingan Metode Web Scraping Dalam Pengambilan Data: Kajian Literatur. *Automata*, *Vol 4 No. 2*, 200–205. https://journal.uii.ac.id/AUTOMATA/article/view/28635

Elgeldawi, E., Sayed, A., Galal, A. R., & Zaki, A. M. (2021). Hyperparameter tuning for machine learning algorithms used for arabic sentiment analysis. *Informatics*, *8*(4). https://doi.org/10.3390/informatics8040079

Fahmy Amin, M. (2022). Confusion Matrix in Binary Classification Problems: A Step-by-Step Tutorial. *Journal of Engineering Research*, *6*(5). https://doi.org/10.21608/erjeng.2022.274526

Fajriyani, N., Pratama, E. E., & Septiriana, R. (2023). Optimasi Hyperparameter pada Neural Network (Studi Kasus: Identifikasi Komentar Cyberbullying Instagram). *Jurnal Edukasi dan Penelitian Informatika (JEPIN)*, *9*(2). https://doi.org/10.26418/jp.v9i2.68319

Hulliyah, K., Muzayyanah, F. E., & Setyawan, B. A. (2023). Multilabel Sentiment Analysis Of Hate Speech Using The Combination Of Indo Bert Lite And Bidirectional Lstm-Cnn Methods With Grid Search Hyperparameter Optimization. *2023 11th International Conference on Cyber and IT Service Management, CITSM 2023*. https://doi.org/10.1109/CITSM60085.2023.10455196

Iswahyudi, I., Hindarto, D., & Santoso, H. (2023). PyTorch Deep Learning for Food Image Classification with Food Dataset. *sinkron*, *8*(4). https://doi.org/10.33395/sinkron.v8i4.12987

Joshua Agung Nurcahyo, & Theopilus Bayu Sasongko. (2023). Hyperparameter Tuning Algoritma Supervised Learning untuk Klasifikasi Keluarga Penerima Bantuan Pangan Beras. *The Indonesian Journal of Computer Science*, *12*(3). https://doi.org/10.33022/ijcs.v12i3.3254

Khan, Y. F., Kaushik, B., & Mir, B. A. (2022). Computational Intelegent Models Fore Alzheimer's Prediction Using Audio Transcript Data. *Computing and Informatics*, *41*(6). https://doi.org/10.31577/cai_2022_6_1589

Khder, M. A. (2021). Web scraping or web crawling: State of art, techniques, approaches and application. *International Journal of Advances in Soft Computing and its Applications*, *13*(3). https://doi.org/10.15849/ijasca.211128.11

Lin, T., Wang, Y., Liu, X., & Qiu, X. (2022). A survey of transformers. *AI Open*, *3*. https://doi.org/10.1016/j.aiopen.2022.10.001

Loshchilov, I., & Hutter, F. (2019). Decoupled weight decay regularization. *7th International Conference on Learning Representations, ICLR 2019*.

Madyatmadja, E. D., Ridho, M. N., Pratama, A. R., Fajri, M., & Novianto, L. (2022). Penerapan Visualisasi Data Terhadap Klasifikasi Tindak Kriminal Di

Indonesia. *Infotech: Journal of Technology Information*, *8*(1). https://doi.org/10.37365/jti.v8i1.127

Mattingly, W. J. B. (2023). Introduction to Streamlit. Dalam *Introduction to Python for Humanists*. https://doi.org/10.1201/9781003342175-21

Mosbach, M., Andriushchenko, M., & Klakow, D. (2021). On The Stability Of Fine-Tuning BERT: Misconceptions, Explanations, And Strong Baselines. *ICLR 2021 - 9th International Conference on Learning Representations*.

Nápoles-Duarte, J. M., Biswas, A., Parker, M. I., Palomares-Baez, J. P., Chávez-Rojo, M. A., & Rodríguez-Valdez, L. M. (2022). Stmol: A component for building interactive molecular visualizations within streamlit web-applications. *Frontiers in Molecular Biosciences*, *9*. https://doi.org/10.3389/fmolb.2022.990846

Rahmanda, S., Azzahra, N., & Estheria, I. (2025, Januari 2). *Pemerintah Terapkan Sistem Pajak Coretax, Apa itu?* Majalah Tempo. https://www.tempo.co/ekonomi/pemerintah-terapkan-sistem-pajak-coretax-apa-itu--1188820

Raschka, S., Patterson, J., & Nolet, C. (2020). Machine learning in python: Main developments and technology trends in data science, machine learning, and artificial intelligence. Dalam *Information (Switzerland)* (Vol. 11, Nomor 4). https://doi.org/10.3390/info11040193

Shah, K., Shah, S., Shah, V., & Godbole, Prof. A. (2025). Optimization Of Data Splitting Methods For Machine Learning. *SSRN Electronic Journal*. https://doi.org/10.2139/ssrn.5190348

Simanjuntak, A., Lumbantoruan, R., Sianipar, K., Gultom, R., Simaremare, M., Situmeang, S., & Penggabean, E. (2024). Studi dan Analisis Hyperparameter Tuning IndoBERT Dalam Pendeteksian Berita Palsu. *Jurnal Nasional Teknik Elektro dan Teknologi Informasi*, *13*(1).

Stryker, C., & Bergmann, D. (2025, Maret 28). *What is a transformer model?* IBM. https://www.ibm.com/think/topics/transformer-model

Stryker, C., & Holdsworth, J. (2024, Agustus 11). *What is NLP (natural language processing)?* . IBM. https://www.ibm.com/think/topics/natural-language-processing

Tan, K. L., Lee, C. P., & Lim, K. M. (2023). A Survey of Sentiment Analysis: Approaches, Datasets, and Future Research. Dalam *Applied Sciences (Switzerland)* (Vol. 13, Nomor 7). https://doi.org/10.3390/app13074550

Valova, I., Mladenova, T., Kanev, G., & Halacheva, T. (2023). Web Scraping - State of Art, Techniques and Approaches. *2023 31st National Conference with*

International Participation, Telecom 2023. https://doi.org/10.1109/TELECOM59629.2023.10409723

Vaswani, A., Shazeer, N., Parmar, N., Uszkoreit, J., Jones, L., Gomez, A. N., Kaiser, Ł., & Polosukhin, I. (2017). Attention is all you need. *Advances in Neural Information Processing Systems*, *2017-December*.

Victoria, A. H., & Maragatham, G. (2021). Automatic tuning of hyperparameters using Bayesian optimization. *Evolving Systems*, *12*(1). https://doi.org/10.1007/s12530-020-09345-2

Vidya Chandradev, I Made Agus Dwi Suarjaya, & I Putu Agung Bayupati. (2023). Analisis Sentimen Review Hotel Menggunakan Metode Deep Learning BERT. *Jurnal Buana Informatika*, *14*(02). https://doi.org/10.24002/jbi.v14i02.7244

Wahyudi, I., & Syazili, A. (2021). Dashboard Monitoring Website Dosen Studi Kasus Universitas Bina Darma. *Jurnal Pengembangan Sistem Informasi dan Informatika*, *2*(3). https://doi.org/10.47747/jpsii.v2i3.555

Zaidan, M. N., Sibaroni, Y., & Prasetyowati, S. S. (2024). Learning Rate And Epoch Optimization In The Fine-Tuning Process For Indobert's Performance On Sentiment Analysis Of MyTelkomsel App Reviews. *Jurnal Teknik Informatika (Jutif)*, *5*(5). https://doi.org/10.52436/1.jutif.2024.5.5.2396

Zhang, T., Wu, F., Katiyar, A., Weinberger, K. Q., & Artzi, Y. (2021). Revisiting Few-Sample BERT Fine-Tuning. *ICLR 2021 - 9th International Conference on Learning Representations*.