

DAFTAR PUSTAKA

- [1] Marsha Adilla Rahmani, Arry Widodo, and Anita Silvianita, "MINAT PEMBELIAN PRODUK KOSMETIK LOKAL DENGAN ULASAN ONLINE: KERANGKA KONSEPTUAL," *JMBI UNSRAT*, Apr. 2024.
- [2] S. Novianti Putri, A. Voutama Sistem Informasi, U. H. Singaperbangsa Karawang Jl Ronggo Waluyo, and K. Telukjambe Timur, "PENERAPAN UML PADA E-RESERVASI PERAWATAN KULIT WAJAH BERBASIS WEBSITE (STUDI KASUS RUMAH CANTIK ALISYA)," 2024.
- [3] S. D. Kusumaningrum, "KAJIAN PUSTAKA DALAM PENENTUAN TIPE DAN PERMASALAHAN KULIT WAJAH," 2021. [Online]. Available: <https://www.google.com/>
- [4] C. N. Putri, W. D. Qornain, F. Bamahri, G. E. Yulastuti, and M. Kurniawan, "Klasifikasi Jenis Jerawat pada Data Citra Jerawat Wajah Menggunakan Convolutional Neural Network," *TIN: Terapan Informatika Nusantara*, vol. 5, no. 2, pp. 172–181, Jul. 2024, doi: 10.47065/tin.v5i2.5231.
- [5] S. Dewi, F. Ramadhani, and S. Djasmayena, "Klasifikasi Jenis Jerawat Berdasarkan Gambar Menggunakan Algoritma CNN (Convolutional Neural Network)," *Hello World Jurnal Ilmu Komputer*, vol. 3, no. 2, pp. 68–73, Jul. 2024, doi: 10.56211/helloworld.v3i2.518.
- [6] Y. S. H. Langgeng, E. I. Setiawan, S. Imron, and J. Santoso, "Long Short-Term Memory-Based Chatbot for Vocational Registration Information Services," *Journal of Applied Data Sciences*, vol. 4, no. 4, pp. 414–430, Dec. 2023, doi: 10.47738/jads.v4i4.128.
- [7] B. Mahesh, "Machine Learning Algorithms - A Review," *International Journal of Science and Research (IJSR)*, vol. 9, no. 1, pp. 381–386, Jan. 2020, doi: 10.21275/art20203995.
- [8] Siti Maesaroh, Siti Mutmainah, Imam Yunianto, and Khairunnas, *Pembelajaran Mesindan Kecerdasan Buatan Teori dan Aplikasi Praktis*. PT SADA KURNIA PUSTAKA, 2024.
- [9] "FullBook Implementasi Artificial Intelligence (AI) dalam Kehidupan".
- [10] V. Wiley and T. Lucas, "Computer Vision and Image Processing: A Paper Review," *International Journal of Artificial Intelligence Research*, vol. 2, no. 1, p. 22, Jun. 2018, doi: 10.29099/ijair.v2i1.42.
- [11] A. Karpathy, G. Toderici, S. Shetty, T. Leung, R. Sukthankar, and L. Fei-Fei, "Large-scale Video Classification with Convolutional Neural Networks." [Online]. Available: <http://cs.stanford.edu/people/karpathy/deepvideo>
- [12] C. Shorten and T. M. Khoshgoftaar, "A survey on Image Data Augmentation for Deep Learning," *J Big Data*, vol. 6, no. 1, Dec. 2019, doi: 10.1186/s40537-019-0197-0.
- [13] L. Perez and J. Wang, "The Effectiveness of Data Augmentation in Image Classification using Deep Learning," Dec. 2017, [Online]. Available: <http://arxiv.org/abs/1712.04621>

- [14] Y. Lecun, Y. Bengio, and G. Hinton, "Deep learning," *Nature*, vol. 521, no. 7553, pp. 436–444, 2015, doi: 10.1038/nature14539.
- [15] S. Kaur, "Deep Learning Based High-Resolution Remote Sensing Image classification," *International Journal of Advanced Research in Computer Science and Software Engineering*, vol. 7, no. 10, p. 22, Oct. 2017, doi: 10.23956/ijarcsse.v7i10.384.
- [16] Kimberly. Keeton, *Proceedings of the 12th USENIX conference on Operating Systems Design and Implementation*. USENIX Association, 2016.
- [17] F. O. Reynaldi, "ANALISA PERFORMA ARSITEKTUR MOBILENETV1 DAN RESNET MENGGUNAKAN META-LEARNING DALAM MENDETEKSI OBJEK HEWAN KUCING," *Indonesian Journal of Business Intelligence (IJUBI)*, vol. 4, no. 1, p. 1, Jun. 2021, doi: 10.21927/ijubi.v4i1.1686.
- [18] A. Paszke *et al.*, "PyTorch: An Imperative Style, High-Performance Deep Learning Library," 2019.
- [19] M. Alfin, Z. Abidin, and P. Miladin, "Peringkasan Multi Dokumen Berbahasa Indonesia Menggunakan Metode Recurrent Neural Network Multi-Document Summarization for Indonesian Document Using Recurrent Neural Network."
- [20] GeeksforGeeks, "Introduction to Recurrent Neural Networks."
- [21] R. M. Schmidt, "Recurrent Neural Networks (RNNs): A gentle Introduction and Overview," Nov. 2019, [Online]. Available: <http://arxiv.org/abs/1912.05911>
- [22] C. Alkahfi, A. Kurnia, and A. Saefuddin, "Perbandingan Kinerja Model Berbasis RNN pada Peramalan Data Ekonomi dan Keuangan Indonesia," *MALCOM: Indonesian Journal of Machine Learning and Computer Science*, vol. 4, no. 4, pp. 1235–1243, Jul. 2024, doi: 10.57152/malcom.v4i4.1415.
- [23] L. Wiranda and M. Sadikin, "PENERAPAN LONG SHORT TERM MEMORY PADA DATA TIME SERIES UNTUK MEMPREDIKSI PENJUALAN PRODUK PT. METISKA FARMA."
- [24] Nora Yehia, "Understanding Long Short-Term Memory (LSTM) Networks," ML Archive.
- [25] D. Arifoglu and A. Bouchachia, "Activity Recognition and Abnormal Behaviour Detection with Recurrent Neural Networks," in *Procedia Computer Science*, Elsevier B.V., 2017, pp. 86–93. doi: 10.1016/j.procs.2017.06.121.
- [26] A. Krizhevsky, I. Sutskever, and G. E. Hinton, "ImageNet Classification with Deep Convolutional Neural Networks." [Online]. Available: <http://code.google.com/p/cuda-convnet/>
- [27] Ganesh Bajaj, "My Goto Notes on Convolutional Neural Networks for any Deep Learning Interview."
- [28] A. Paszke *et al.*, "PyTorch: An Imperative Style, High-Performance Deep Learning Library," 2019.
- [29] G. Yudho Baskoro, H. Afrisal, and A. Sofwan, "PERANCANGAN SISTEM DETEKSI OBJEK BERBASIS CONVOLUTIONAL NEURAL NETWORK MENGGUNAKAN YOLOV4 DAN OPENCV." [Online].

Available: <https://ejournal3.undip.ac.id/index.php/transient>

- [30] D. Nafis Alfarizi, R. Agung Pangestu, D. Aditya, M. Adi Setiawan, and P. Rosyani, "Penggunaan Metode YOLO Pada Deteksi Objek: Sebuah Tinjauan Literatur Sistematis," 2023. [Online]. Available: <https://jurnalmahasiswa.com/index.php/aidanspk>
- [31] M. Sandler, A. Howard, M. Zhu, A. Zhmoginov, and L.-C. Chen, "MobileNetV2: Inverted Residuals and Linear Bottlenecks."
- [32] N. Ma, X. Zhang, H.-T. Zheng, and J. Sun, "ShuffleNet V2: Practical Guidelines for Efficient CNN Architecture Design," Jul. 2018, [Online]. Available: <http://arxiv.org/abs/1807.11164>
- [33] Y. Zhang and B. D. Davison, "Impact of ImageNet Model Selection on Domain Adaptation," Feb. 2020, [Online]. Available: <http://arxiv.org/abs/2002.02559>
- [34] D. Dodić and D. Regodić, "Tokenization and Memory Optimization for Reducing GPU Load in NLP Deep Learning Models," *Tehnicki Vjesnik*, vol. 31, no. 6, pp. 1995–2002, 2024, doi: 10.17559/TV-20231218001216.
- [35] Christopher D. Manning, Hinrich Schütze, and Prabhakar Raghavan, *An Introduction to Information Retrieval*. Cambridge University Press.
- [36] M. Karim, M. M. S. Missen, M. Umer, S. Sadiq, A. Mohamed, and I. Ashraf, "Citation Context Analysis Using Combined Feature Embedding and Deep Convolutional Neural Network Model," *Applied Sciences (Switzerland)*, vol. 12, no. 6, Mar. 2022, doi: 10.3390/app12063203.
- [37] D. S. Asudani, N. K. Nagwani, and P. Singh, "Impact of word embedding models on text analytics in deep learning environment: a review," *Artif Intell Rev*, vol. 56, no. 9, pp. 10345–10425, Sep. 2023, doi: 10.1007/s10462-023-10419-1.
- [38] R. Munir, "24-Convolutional Neural Network IF4073 Interpretasi dan Pengolahan Citra." [Online]. Available: <https://www.mathworks.com/help/deeplearning/ug/deep-learning-in->
- [39] A. Howard *et al.*, "Searching for MobileNetV3."
- [40] C. Szegedy, V. Vanhoucke, S. Ioffe, and J. Shlens, "Rethinking the Inception Architecture for Computer Vision."
- [41] A. F. Agarap, "Deep Learning using Rectified Linear Units (ReLU)," Mar. 2018, [Online]. Available: <http://arxiv.org/abs/1803.08375>
- [42] K. Banerjee, V. P. C, R. R. Gupta, K. Vyas, A. H, and B. Mishra, "Exploring Alternatives to Softmax Function," Nov. 2020, [Online]. Available: <http://arxiv.org/abs/2011.11538>
- [43] S. Ruder, "An overview of gradient descent optimization algorithms," Sep. 2016, [Online]. Available: <http://arxiv.org/abs/1609.04747>
- [44] D. P. Kingma and J. Ba, "Adam: A Method for Stochastic Optimization," Dec. 2014, [Online]. Available: <http://arxiv.org/abs/1412.6980>
- [45] D. Anggara, N. Suarna, and Y. Arie Wijaya, "PERFORMANCE COMPARISON ANALYSIS OF OPTIMIZER ADAM, SGD, AND RMSPROP ON THE H5 MODEL." [Online]. Available: <https://www.kaggle.com/datasets/jonathanoheix/face-expression-recognition-dataset>

- [46] P. Vasudevan *et al.*, “Gait Image Classification Using Deep Learning Models for Medical Diagnosis,” *Computers, Materials and Continua*, vol. 74, no. 3, pp. 6039–6063, 2023, doi: 10.32604/cmc.2023.032331.
- [47] N. Agarwal, Z. Allen-Zhu, B. Bullins, E. Hazan, and T. Ma, “Finding Approximate Local Minima Faster than Gradient Descent,” Nov. 2016, [Online]. Available: <http://arxiv.org/abs/1611.01146>
- [48] A. Rahmanto, A. Setia Budi, and R. Primananda, “Implementasi Self-Tuning Pada Database Dengan Menggunakan Metode Nesterov Accelerated Gradient,” 2021. [Online]. Available: <http://j-ptiik.ub.ac.id>
- [49] T. Carneiro, R. V. M. Da Nobrega, T. Nepomuceno, G. Bin Bian, V. H. C. De Albuquerque, and P. P. R. Filho, “Performance Analysis of Google Colaboratory as a Tool for Accelerating Deep Learning Applications,” *IEEE Access*, vol. 6, pp. 61677–61685, 2018, doi: 10.1109/ACCESS.2018.2874767.
- [50] P. B. Wintoro, H. Hermawan, M. A. Muda, and Y. Mulyani, “Implementasi Long Short-Term Memory pada Chatbot Informasi Akademik Teknik Informatika Unila,” *EXPERT: Jurnal Manajemen Sistem Informasi dan Teknologi*, vol. 12, no. 1, p. 68, Jun. 2022, doi: 10.36448/expert.v12i1.2593.
- [51] H. Widiputra, Adele Mailangkay, and Elliana Gautama, “Prediksi Indeks BEI dengan Ensemble Convolutional Neural Network dan Long Short-Term Memory,” *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, vol. 5, no. 3, pp. 456–465, Jun. 2021, doi: 10.29207/resti.v5i3.3111.
- [52] R. AGUSTINA, R. MAGDALENA, and N. K. C. PRATIWI, “Klasifikasi Kanker Kulit menggunakan Metode Convolutional Neural Network dengan Arsitektur VGG-16,” *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, vol. 10, no. 2, p. 446, Apr. 2022, doi: 10.26760/elkomika.v10i2.446.
- [53] G. Thiodorus, A. Prasetya, L. A. Ardhani, and N. Yudistira, “Klasifikasi citra makanan/non makanan menggunakan metode Transfer Learning dengan model Residual Network,” *Teknologi*, vol. 11, no. 2, pp. 74–83, Jul. 2021, doi: 10.26594/teknologi.v11i2.2402.
- [54] F. Citra R, F. Indriyani, and I. R. Rahadjeng, “Klasifikasi Tumor Otak Berbasis Magnetic Resonance Imaging Menggunakan Algoritma Convolutional Neural Network,” *Digital Transformation Technology*, vol. 3, no. 2, pp. 918–924, Jan. 2024, doi: 10.47709/digitech.v3i2.3469.
- [55] N. Uly, H. Hendry, and A. Iriani, “CNN-RNN Hybrid Model for Diagnosis of COVID-19 on X-Ray Imagery,” *Digital Zone: Jurnal Teknologi Informasi dan Komunikasi*, vol. 14, no. 1, pp. 57–67, May 2023, doi: 10.31849/digitalzone.v14i1.13668.
- [56] S. Sandiwarno, “Penerapan Machine Learning Untuk Prediksi Bencana Banjir,” *Jurnal Sistem Informasi Bisnis*, vol. 14, no. 1, pp. 62–76, Jan. 2024, doi: 10.21456/vol14iss1pp62-76.
- [57] A. Yolov8 *et al.*, “Analisa Kemampuan Algoritma YOLOv8 Dalam Deteksi Objek Manusia Dengan Metode Modifikasi Arsitektur,” 2023.
- [58] A. A. Maulani, S. Winarno, J. Zeniarja, R. T. E. Putri, and A. N. Cahyani, “Comparison of Hyperparameter Optimization Techniques in Hybrid CNN-

LSTM Model for Heart Disease Classification,” *Sinkron*, vol. 9, no. 1, pp. 455–465, Jan. 2024, doi: 10.33395/sinkron.v9i1.13219.

- [59] D. A. Fadhillah, S. Sumarlinda, and W. Lestari, “PENERAPAN CONVOLUTIONAL NEURAL NETWORK (CNN) DALAM KLASIFIKASI KAYU GUNA BAHAN BAKU MEDEL,” *Infotech: Journal of Technology Information*, vol. 10, no. 2, pp. 187–192, Nov. 2024, doi: 10.37365/jti.v10i2.282.