



DAFTAR PUSTAKA

- [1] A. Rizaldi, E. Zelpina, and K. Oktarina, "Cemaran Coliform Dan Total Plate Count Pada Daging Ayam Broiler: Studi Kasus Di Pasar Tradisional Kabupaten Barito Timur," *J. Sains Dan Teknol. Peternak.*, vol. 4, no. 1, pp. 28–33, 2022, doi: 10.31605/jstp.v4i1.2085.
- [2] A. Martono, T. R. C. Widya, and I. Permatasari, "Pengembangan Model Penilaian Kualitas Produk Dengan Pendekatan Multikriteria Berbasis Website," *Cices*, vol. 9, no. 2, pp. 237–246, 2023, doi: 10.33050/sensi.v9i2.2917.
- [3] M. Muthmainnah, M. Khaira, R. P. Fhonna, and V. Ilhadi, "Penerapan Model Decision Dalam Dalam Penilaian Penilaian Kinerja Dengan Model Saw," *Sisfo J. Ilm. Sist. Inf.*, vol. 6, no. 1, p. 37, 2022, doi: 10.29103/sisfo.v6i1.7963.
- [4] M. Mukhiddinov, A. Muminov, and J. Cho, "Improved Classification Approach for Fruits and Vegetables Freshness Based on Deep Learning," *Sensors*, vol. 22, no. 21, p. 8192, 2022, doi: 10.3390/s22218192.
- [5] A. Kurniawan, E. Erlangga, T. Tanjung, F. Ariani, Y. Aprilinda, and R. Y. Endra, "Review of Deep Learning Using Convolutional Neural Network Model," vol. 3, pp. 49–55, 2024, doi: 10.4028/p-kzq3xe.
- [6] X. Ye, "Revolutionizing Image Recognition: The Dominance and Future Potential of Convolutional Neural Networks," *Appl. Comput. Eng.*, vol. 48, no. 1, pp. 130–140, 2024, doi: 10.54254/2755-2721/48/20241257.
- [7] J. Wang, X. Zeng, D. Shan, Q. Zhou, and H. Peng, "Image Target Recognition Based on Improved Convolutional Neural Network," *Math. Probl. Eng.*, vol. 2022, pp. 1–11, 2022, doi: 10.1155/2022/2213295.
- [8] M. T. Roseno and H. Syaputra, "Classification of Fetal Heart Based on Images Augmentation Using Convolutional Neural Network Method," *J. Inf. Syst. Informatics*, vol. 4, no. 2, pp. 252–265, 2022, doi: 10.51519/journalisi.v4i2.247.
- [9] A. E. Putra, M. F. Naufal, and V. R. Prasetyo, "Klasifikasi Jenis Rempah Menggunakan Convolutional Neural Network Dan Transfer Learning," *J. Edukasi Dan Penelit. Inform.*, vol. 9, no. 1, p. 12, 2023, doi: 10.26418/jp.v9i1.58186.
- [10] A. Susanto, Y. Kusumawati, E. D. Niagara, and C. A. Sari, "Convolutional Neural Network Dalam Sistem Deteksi Helm Pada Pengendara Motor," *Semin. Nas. Teknol. Dan Multidisiplin Ilmu*, vol. 2, no. 1, pp. 91–99, 2022, doi: 10.51903/semnastekmu.v2i1.158.
- [11] K. Okubo, J. Thik, T. Yamaguchi, and C. Ling, "Computer Vision Enabled High-Quality Electrochemical Experimentation," *Digit. Discov.*, vol. 3, no. 11, pp. 2183–2191, 2024, doi: 10.1039/d4dd00213j.



- [12] N. Schneider, K. Sohrabi, H. Schneider, K. Zimmer, P. Fischer, and J. d. Laffolie, "Machine Learning Classification of Inflammatory Bowel Disease in Children Based on a Large Real-World Pediatric Cohort CEDATA-GPGE® Registry," *Front. Med.*, vol. 8, 2021, doi: 10.3389/fmed.2021.666190.
- [13] W. Zhang *et al.*, "Comparative Analysis of XGB, CNN, and ResNet Models for Predicting Moisture Content in *Porphyra Yezoensis* Using Near-Infrared Spectroscopy," *Foods*, vol. 13, no. 19, p. 3023, 2024, doi: 10.3390/foods13193023.
- [14] J. Lubura *et al.*, "Food Recognition and Food Waste Estimation Using Convolutional Neural Network," *Electronics*, vol. 11, no. 22, p. 3746, 2022, doi: 10.3390/electronics11223746.
- [15] A. S. Rusdianto, A. E. Wiyono, and N. Tauvika, "Penentuan Tingkat Kesegaran Daging Ayam Menggunakan Label Pintar Berbasis Ekstrak Antosianin Ubi Jalar Ungu," *J. Agroindustri*, vol. 11, no. 1, pp. 11–22, 2021, doi: 10.31186/j.agroindustri.11.1.11-22.
- [16] J. Gu *et al.*, "Recent Advances in Convolutional Neural Networks," *Pattern Recognit.*, vol. 77, pp. 354–377, 2018, doi: 10.1016/j.patcog.2017.10.013.
- [17] A. Krizhevsky, I. Sutskever, and G. E. Hinton, "ImageNet Classification With Deep Convolutional Neural Networks," *Commun. Acm*, vol. 60, no. 6, pp. 84–90, 2017, doi: 10.1145/3065386.
- [18] F. A. A. Harahap, A. N. Nafisa, E. N. D. B. Purba, and N. A. Putri, "Implementasi Algoritma Convolutional Neural Network Arsitektur Model Mobilenetv2 Dalam Klasifikasi Penyakit Tumor Otak Glioma, Pituitary Dan Meningioma," *J. Teknol. Inf. Komput. Dan Apl. (Jtika)*, vol. 5, no. 1, pp. 53–61, 2023, doi: 10.29303/jtika.v5i1.234.
- [19] I. J. Thira, D. Riana, A. N. Ilhami, B. R. S. Dwinanda, and H. Choerunisya, "Pengenalan Alfabet Sistem Isyarat Bahasa Indonesia (SIBI) Menggunakan Convolutional Neural Network," *J. Algoritma*, vol. 20, no. 2, pp. 421–432, 2023, doi: 10.33364/algoritma/v.20-2.1480.
- [20] S. H. Rashid, "Enhanced Website Phishing Detection Based on the Cyber Kill Chain and Cloud Computing," *Indones. J. Electr. Eng. Comput. Sci.*, vol. 32, no. 1, p. 517, 2023, doi: 10.11591/ijeecs.v32.i1.pp517-529.
- [21] Z. Daher and H. Hajjdiab, "Cloud Storage Comparative Analysis Amazon Simple Storage vs. Microsoft Azure Blob Storage," *Int. J. Mach. Learn. Comput.*, vol. 8, no. 1, pp. 85–89, 2018, doi: 10.18178/ijmlc.2018.8.1.668.
- [22] R. K. Tesser, "A Lightweight Performance Proxy for Deep-learning Model Training on Amazon SageMaker," *Concurr. Comput. Pract. Exp.*, vol. 36, no. 14, 2024, doi: 10.1002/cpe.8104.



- [23] U. Usman, F. Yunita, and M. R. Ridha, "Improving Classification Accuracy of Local Coconut Fruits with Image Augmentation and Deep Learning Algorithm Convolutional Neural Networks (CNN)," vol. 6, no. 1, pp. 1–19, 2025.
- [24] J. Lee, D.-H. Kim, S. Jeong, and S. Choi, "Diagnosis and Prediction of Periodontally Compromised Teeth Using a Deep Learning-Based Convolutional Neural Network Algorithm," *J. Periodontal Implant Sci.*, vol. 48, no. 2, p. 114, 2018, doi: 10.5051/jpis.2018.48.2.114.
- [25] S. Sukegawa *et al.*, "Deep Neural Networks for Dental Implant System Classification," *Biomolecules*, vol. 10, no. 7, p. 984, 2020, doi: 10.3390/biom10070984.
- [26] M. J. Ahmed, "Decoding Innocence: Advancing Forensic Facial Discrimination Through Comparative Analysis of Conventional CNN and Advanced Architectures," *Joiv Int. J. Informatics Vis.*, vol. 8, no. 2, p. 760, 2024, doi: 10.62527/joiv.8.2.2755.
- [27] P. Jain, "Convolutional Neural Network Based Advertisement Classification Models for Online English Newspapers," *Turkish J. Comput. Math. Educ.*, vol. 12, no. 2, pp. 1687–1698, 2021, doi: 10.17762/turcomat.v12i2.1505.
- [28] I. Kandel, M. Castelli, and A. Popovič, "Musculoskeletal Images Classification for Detection of Fractures Using Transfer Learning," *J. Imaging*, vol. 6, no. 11, p. 127, 2020, doi: 10.3390/jimaging6110127.
- [29] G. Roberts, S. Y. Haile, R. Sainju, D. J. Edwards, B. Hutchinson, and Y. Zhu, "Deep Learning for Semantic Segmentation of Defects in Advanced STEM Images of Steels," *Sci. Rep.*, vol. 9, no. 1, 2019, doi: 10.1038/s41598-019-49105-0.
- [30] Y. Pant, "Comparison of CNN Architecture of Image Classification Using CIFAR10 Datasets," *Int. J. Engin. Technol.*, vol. 1, no. 1, pp. 37–52, 2023, doi: 10.3126/injet.v1i1.60898.
- [31] H. Mewada, A. Patel, M. Hassaballah, M. H. Alkinani, and K. Mahant, "Spectral–Spatial Features Integrated Convolution Neural Network for Breast Cancer Classification," *Sensors*, vol. 20, no. 17, p. 4747, 2020, doi: 10.3390/s20174747.
- [32] X. Zhao, L. Gao, Z. Chen, B. Zhang, W. Liao, and X. Yang, "An Entropy and MRF Model-Based CNN for Large-Scale Landsat Image Classification," *Ieee Geosci. Remote Sens. Lett.*, vol. 16, no. 7, pp. 1145–1149, 2019, doi: 10.1109/lgrs.2019.2890996.

LAMPIRAN

1. Pembelian sampel daging ayam di pasar terapung tembilahan



Hak Cipta Dilindungi Undang-Undang

1. Dilarang memperbanyak atau mendistribusikan dokumen ini untuk tujuan komersial tanpa izin tertulis dari penulis atau pihak berwenang.
2. Penggunaan tanpa izin untuk kepentingan akademik, penelitian, dan pendidikan diperbolehkan dengan mencantumkan sumber.
3. Plagiarisme juga dilarang dan dapat dikenakan sanksi.
3. Universitas hanya berhak menyimpan dan mendistribusikan dokumen ini di repositori akademik, tanpa mengalihkan hak cipta penulis, sesuai dengan peraturan yang berlaku di Indonesia.





Hak Cipta Dilindungi Undang-Undang

1. Dilarang mempernyak atau mendistribusikan dokumen ini untuk tujuan komersial tanpa izin tertulis dari penulis atau pihak berwenang.
 2. Penggunaan tanpa izin untuk kepentingan akademik, penelitian, dan pendidikan diperbolehkan dengan mencantumkan sumber.
 3. Plagiarisme juga dilarang dan dapat dikenakan sanksi.
- Universitas hanya berhak menyimpan dan mendistribusikan dokumen ini di repositori akademik, tanpa mengalihkan hak cipta penulis, sesuai dengan peraturan yang berlaku di Indonesia.

Universitas Islam Indragiri

2. Hasil citra dataset yang disimpan dalam penyimpanan lokal

