

DAFTAR PUSTAKA

- [1] N. Anggraini, R. F. Fahlevie Afidh, M. dan Dosen, P. Teknik Informatika, S. Dumai, and J. Utama Karya Bukit Batrem Kota Dumai, “Sistem Pakar Diagnosa Penyakit Sapi Menggunakan Metode CBR Dan Algoritma Similarity Sorgenfrei,” *J. Eng. Technol. Innov. (JETI) Februari*, vol. 2, no. 1, pp. 1–10, 2023.
- [2] F. R. B. Putra, A. FaDLil, and R. Umar, “Analisis Metode Forward Chaining Pada Sistem Pakar Diagnosa Penyakit Hewan Sapi Berbasis Android,” *J. Sains Komput. Inform. (J-SAKTI)*, vol. 5, no. 2, pp. 1034–1044, 2021.
- [3] I. Muzakkir and M. H. Botutihe, “Case Based Reasoning Method untuk Sistem Pakar Diagnosa Penyakit Sapi,” *Ilk. J. Ilm.*, vol. 12, no. 1, pp. 25–31, 2020, doi: 10.33096/ilkom.v12i1.506.25-31.
- [4] N. Handayani, “Sistem Pakar Diagnosa Penyakit Hewan Ternak Sapi Dengan Metode Bayesian Network,” *J. Perenc. Sains Teknol. dan Komput.*, vol. 4, no. 1, pp. 359–365, 2021.
- [5] H. Mursalan and Sumijan, “Akurasi dalam Identifikasi Penyakit Sapi Pesisir Menggunakan Metode Forward Chaining,” *J. Inf. dan Teknol.*, vol. 3, pp. 115–120, 2021, doi: 10.37034/jidt.v3i3.117.
- [6] S. Suparyati, Emma Utami, and Alva Hendi Muhammad, “Applying Different Resampling Strategies In Random Forest Algorithm To Predict Lumpy Skin Disease,” *J. RESTI (Rekayasa Sist. dan Teknol. Informasi)*, vol. 6, no. 4, pp. 555–562, 2022, doi: 10.29207/resti.v6i4.4147.
- [7] I. Sendow, N. S. Assadah, A. Ratnawati, N. I. Dharmayanti, and M. Saepulloh, “Lumpy Skin Disease: Ancaman Penyakit Emerging Bagi Kesehatan Ternak Sapi Di Indonesia,” *Indones. Bull. Anim. Vet. Sci.*, vol. 31, no. 2, p. 85, 2021, doi: 10.14334/wartazoa.v31i2.2739.
- [8] I. K. Habsari, V. R. Pertiwi, G. G. Maradon, and J. A. Putritamara, “Tingkat Pengetahuan Panitia Kurban Tentang Penyakit Lumpy Skin

- Disease* di Kota Bandar Lampung Knowledge Level of The Sacrificial Committee regarding Lumpy Skin,” vol. 5, no. 2, pp. 88–91.
- [9] D. Yustendi, S. Rahmazana, E. Rosa, and Yusuf, “Manajemen Pencegahan Penularan Penyakit Foot and Mouth Disease (FMD) dan *Lumpy Skin Disease* (LSD) di Puskesmas Baitussalam Kabupaten Aceh Besar,” *J. Abulyatama*, vol. 5, no. 1, pp. 164–172, 2022.
- [10] E. Hermawan, “Klasifikasi Pengenalan Wajah Menggunakan Masker atau Tidak Dengan Mengimplementasikan Metode CNN (Convolutional Neural Network),” *J. Ind. Kreat. Dan Inform.*, vol. 1, pp. 33–43, 2021.
- [11] M. Ath-thariq, T. N. Suharsono, P. Studi, T. Informatika, and U. S. Buana, “Deteksi Penyakit Kulit Serupa Pada Wajah Berbasis Mobile dengan Metode Convolutional Neural Network,” vol. 3, pp. 876–887, 2023.
- [12] A. Jinan, B. H. Hayadi, and U. P. Utama, “Klasifikasi Penyakit Tanaman Padi Menggunakan Metode Convolutional Neural Network Melalui Citra Daun (Multilayer Perceptron),” *J. Comput. Eng. Sci.*, vol. 1, no. 2, pp. 37–44, 2022.
- [13] N. Pratama, M. Liebenlito, and Y. Irene, “Perbandingan Model Klasifikasi Transfer Learning Convolutional Neural Network Tumor Otak menggunakan Citra Magnetic Resonance Imaging,” *J. Sehat Indones.*, vol. 6, no. 01, pp. 308–318, 2024, doi: 10.59141/jsi.v6i01.81.
- [14] A. J. Rozaqi, A. Sunyoto, and M. R. Arief, “Implementasi Transfer Learning pada Algoritma Convolutional Neural Network untuk Identifikasi Penyakit Daun Kentang,” *Procedia Eng. Life Sci.*, vol. 1, no. 1, 2021.
- [15] S. Kumar and S. Shastri, “Lumpy Skin Images Dataset,” *Mendeley Data*, 2022. <https://data.mendeley.com/datasets/w36hpf86j2/1>
- [16] Bambang Pilu Hartato, “Penerapan Convolutional Neural Network pada Citra Rontgen Paru-Paru untuk Deteksi SARS-CoV-2,” *J. RESTI (Rekayasa Sist. dan Teknol. Informasi)*, vol. 5, no. 4, pp. 747–759, 2021, doi: 10.29207/resti.v5i4.3153.
- [17] F. N. Cahya, N. Hardi, D. Riana, and S. Hadiyanti, “Klasifikasi Penyakit Mata Menggunakan Convolutional Neural Network (CNN),” *Sistemasi*,

- vol. 10, no. 3, p. 618, 2021, doi: 10.32520/stmsi.v10i3.1248.
- [18] D. Iswanto and D. Handayani UN, “Klasifikasi Penyakit Tanaman Jagung Menggunakan Metode Convolutional Neural Network (CNN),” *J. Ilm. Univ. Batanghari Jambi*, vol. 22, no. 2, p. 900, 2022, doi: 10.33087/jiubj.v22i2.2065.
- [19] K. Kansal, T. B. Chandra, and A. Singh, “ScienceDirect ScienceDirect *ResNet-50* vs . *EfficientNet-B0* : Multi-Centric Classification of Various Lung Abnormalities Using Deep Learning,” *Procedia Comput. Sci.*, vol. 235, no. 2023, pp. 70–80, 2024, doi: 10.1016/j.procs.2024.04.007.
- [20] W. G. Pamungkas, M. I. P. Wardhana, Z. Sari, and Y. Azhar, “Leaf Image Identification: CNN with *EfficientNet-B0* and *ResNet-50* Used to Classified Corn Disease,” *J. RESTI (Rekayasa Sist. dan Teknol. Informasi)*, vol. 7, no. 2, pp. 326–333, 2023, doi: 10.29207/resti.v7i2.4736.
- [21] S. Hafizh, A. Pietersz, U. Pembangunan, N. Veteran, J. Timur, and E. Y. Puspaningrum, “Perbandingan Kinerja Arsitektur *ResNet-50* Dan Googlenet Pada Klasifikasi Penyakit Alzheimer Dan Parkinson Berbasis Data MRI memori , kemampuan berpikir , dan dapat mempengaruhi kemampuan berbicara serta berbagai gejala , termasuk gangguan motorik seperti ,” vol. 2, no. 2, 2024.
- [22] J. Makatita, “Pengaruh Karakteristik Peternak Terhadap Perilaku Dalam Usaha Peternakan Sapi Potong Di Kabupaten Buru,” *JAGO TOLIS J. Agrokomples Tolis*, vol. 1, no. 2, p. 51, 2021, doi: 10.56630/jago.v1i2.149.
- [23] R. R. L. Chairina, H. A. Hudori, and U. E. Malika, “Peningkatan Ekonomi Peternakan Sapi Perah Melalui Diversifikasi Produk Olahan Susu Sapi,” *Semin. Nas. Ris. Inov.*, vol. 7, no. 2, pp. 171–178, 2021, [Online]. Available: <https://proceeding.isas.or.id/index.php/sentrinov/article/view/1043>
- [24] Y. R. Khan *et al.*, “A review: Surveillance of *Lumpy Skin Disease (LSD)* a growing problem in Asia,” *Microb. Pathog.*, vol. 158, no. March, p. 105050, 2021, doi: 10.1016/j.micpath.2021.105050.
- [25] A. Selim, E. Manaa, and H. Khater, “Molecular characterization and

- phylogenetic analysis of *Lumpy Skin Disease* in Egypt,” *Comp. Immunol. Microbiol. Infect. Dis.*, vol. 79, no. August, p. 101699, 2021, doi: 10.1016/j.cimid.2021.101699.
- [26] J. Hamdi *et al.*, “Development and Evaluation of an Inactivated *Lumpy Skin Disease* Vaccine for Cattle,” *Vet. Microbiol.*, vol. 245, no. April, p. 108689, 2020, doi: 10.1016/j.vetmic.2020.108689.
- [27] A. I. Paslaru *et al.*, “Potential mechanical transmission of *Lumpy Skin Disease* virus (*LSDV*) by the stable fly (*Stomoxys calcitrans*) through regurgitation and defecation,” *Curr. Res. Insect Sci.*, vol. 1, pp. 0–27, 2021, doi: 10.1016/j.cris.2020.100007.
- [28] S. Febriani and H. Sulistiani, “Analisis Data Hasil Diagnosa Untuk Klasifikasi Gangguan Kepribadian Menggunakan Algoritma C4.5,” *89Jurnal Teknol. dan Sist. Inf.*, vol. 2, no. 4, pp. 89–95, 2021.
- [29] P. B. N. Setio, D. R. S. Saputro, and Bowo Winarno, “Klasifikasi Dengan Pohon Keputusan Berbasis Algoritme C4.5,” *Prism. Pros. Semin. Nas. Mat.*, vol. 3, pp. 64–71, 2020.
- [30] T. Wahyono, *Python for Machine Learning*. Salatiga: Gava Media Yogyakarta, 2018. [Online]. Available: https://www.researchgate.net/profile/Teguh-Wahyono-2/publication/330441937_Fundamental_of_Python_for_Machine_Learning_Dasar-Dasar-Dasar_Pemrograman_Python_untuk_Machine_Learning_dan_Kecerdasan_Buatan/links/5c405cc8299bf12be3ce1385/Fundamental-of-Python-for-Mach
- [31] I. Cholissodin, Sutrisno, A. A. Soebroto, U. Hasanah, and Y. I. Febiola, “AI, MACHINE LEARNING & DEEP LEARNING (Teori & Implementasi) ‘from Basic Science to High Scientific Solution for Any Problem’ Versi 1.01,” p. 317, 2020, [Online]. Available: <http://bit.ly/3piOnnU>
- [32] F. Directions, “Understanding of Machine Learning with Deep Learning :,” *Comput. MDPI*, vol. 12, no. 91, pp. 1–26, 2023.

- [33] R. Geetha and T. Thilagam, “A Review on the Effectiveness of Machine Learning and Deep Learning Algorithms for Cyber Security,” *Arch. Comput. Methods Eng.*, vol. 28, no. 4, pp. 2861–2879, 2021, doi: 10.1007/s11831-020-09478-2.
- [34] R. A. Firmansah, H. Santoso, and A. Anwar, “Transfer Learning Implementation on Image Recognition of Indonesian Traditional Houses,” *J. Tek. Inform.*, vol. 4, no. 6, pp. 1469–1478, 2023, doi: 10.52436/1.jutif.2023.4.6.767.
- [35] Buyut Khoirul Umri and V. Delica, “Penerapan transfer learning pada convolutional neural networks dalam deteksi covid-19.,” *Jnanaloka*, pp. 9–17, 2021, doi: 10.36802/jnanaloka.2021.v2-no2-9-17.
- [36] A. M. A. Siddik, “Comparison of Transfer Learning Algorithm Performance in Hand Sign Language Digits Image Classification,” *J. Mat. Stat. dan Komputasi*, vol. 20, no. 1, pp. 75–89, 2023, doi: 10.20956/j.v20i1.26503.
- [37] K. He, X. Zhang, S. Ren, and J. Sun, “Deep residual learning for image recognition,” *Proc. IEEE Comput. Soc. Conf. Comput. Vis. Pattern Recognit.*, vol. 2016-Decem, pp. 770–778, 2016, doi: 10.1109/CVPR.2016.90.
- [38] Nabila Asryani Sundari, Rita Magladena, and Sofia Saidah, “Klasifikasi Jenis Kulit Wajah Menggunakan Metode Convolutional Neural Network (CNN) *EfficientNet-B0*,” *e-Proceeding Eng.*, vol. 8, no. 6, pp. 3180–3187, 2022.
- [39] M. Tan and Q. V. Le, “EfficientNet: Rethinking model scaling for convolutional neural networks,” *36th Int. Conf. Mach. Learn. ICML 2019*, vol. 2019-June, pp. 10691–10700, 2019.
- [40] T. W. Qur’ana, “Implementasi Metode Convolutional Neural Network (CNN) untuk Klasifikasi Motif pada Citra Sasirangan Tri,” *Media Inform.*, vol. 7, no. 2, p. 10, 2023, [Online]. Available: <http://jurnal.big.go.id/index.php/GM/article/view/810>
- [41] Y. B. E. Purba, N. F. Saragih, A. P. Silalahi, and ..., “Perancangan Alat

- Pendeteksi Kematangan Buah Nanas Dengan Menggunakan Mikrokontroler Dengan Metode Convolutional Neural Network (CNN),” *J. Ilm. Tek. ...*, vol. 2, no. 1, pp. 13–21, 2022, [Online]. Available: <https://ojs.fikom-methodist.net/index.php/methotika/article/view/43%0Ahttps://ojs.fikom-methodist.net/index.php/methotika/article/download/43/39>
- [42] T. A. Bowo, H. Syaputra, and M. Akbar, “Penerapan Algoritma Convolutional Neural Network Untuk Klasifikasi Motif Citra Batik Solo,” *J. Softw. Eng. Ampera*, vol. 1, no. 2, pp. 82–96, 2020, doi: 10.51519/journalsea.v1i2.47.
- [43] D. P. Sudharshan and R. N. Vismaya, “Handwritten Signature Verification System using Deep Learning,” *IEEE Int. Conf. Data Sci. Inf. Syst. ICDSIS 2022*, no. December, 2022, doi: 10.1109/ICDSIS55133.2022.9915833.
- [44] A. Hibatullah and I. Maliki, “Penerapan Metode Convolutional Neural Network Pada Pengenalan Pola Citra Sandi Rumput,” *J. Informatics Comput. Sci.*, vol. 1, no. 02, pp. 1–8, 2019.
- [45] S. N. Fadilah, D. C. R. Novitasari, and L. Hakim, “Pengaruh Reduksi Fitur Pada Klasifikasi Kanker Paru Menggunakan CNN Dengan Arsitektur GoogLeNet,” *J. Fourier*, vol. 12, no. 1, pp. 20–32, 2023, doi: 10.14421/fourier.2023.121.20-32.
- [46] V. Alizanovic, “Apa itu Knowledge Discovery in Database (KDD)? Definisi, Tahapan, dan Use Case-nya,” p. 1, 2021, [Online]. Available: <https://pacmann.io/blog/knowledge-discovery-in-database>
- [47] M. Defriani and I. J. Jaelani, “Recognition of Regional Traditional House in Indonesia Using Convolutional Neural Network (CNN) Method,” *J. Comput. Networks, Archit. High Perform. Comput.*, vol. 4, no. 2, pp. 104–115, 2022, doi: 10.47709/cnahpc.v4i2.1562.
- [48] J. E. Widayaya and S. Budi, “Pengaruh Preprocessing Terhadap Klasifikasi Diabetic Retinopathy dengan Pendekatan Transfer Learning Convolutional Neural Network,” *J. Tek. Inform. dan Sist. Inf.*, vol. 7, no. 1, pp. 110–124, 2021, doi: 10.28932/jutisi.v7i1.3327.

- [49] G. Prawira and H. Setiaji, "Penerapan Data Transformation Pada Database Sistem Informasi Manajemen Rumah Sakit," *Sintak*, vol. 3, no. 0 SE-Vol 3 (2019), pp. 1–5, 2019, [Online]. Available: <https://unisbank.ac.id/ojs/index.php/sintak/article/view/7595>
- [50] A. D. Cahyo, M. M. Londhe, D. Pajri, Y. Umidah, and T. N. Padilah, "Data Mining and Machine Learning Approach for Air Quality Index Prediction," *J. Tek. Inform. dan Sist. Inf.*, vol. 6, no. 2, pp. 136–153, 2020, doi: 10.28932/jutisi.v6i2.2658.
- [51] M. Diki Hendriyanto, A. A. Ridha, and U. Enri, "Analisis Sentimen Ulasan Aplikasi Mola Pada Google Play Store Menggunakan Algoritma Support Vector Machine Sentiment Analysis of Mola Application Reviews on Google Play Store Using Support Vector Machine Algorithm," *J. Inf. Technol. Comput. Sci.*, vol. 5, no. 1, pp. 1–7, 2022.
- [52] P. Andriani Hartanto, "Penerapan Algoritma Decision Tree untuk Seleksi Penerima Beasiswa: Studi Kasus di SMPN 1 Soreang," vol. 2, no. 7, pp. 31–41, 2023.
- [53] D. Putra and A. Wibowo, "Prediksi Keputusan Minat Penjurusan Siswa SMA Yadika 5 Menggunakan Algoritma Naïve Bayes," *Pros. Semin. Nas. Ris. Dan Inf. Sci.*, vol. 2, pp. 84–92, 2020.
- [54] M. Yildirim and A. Cinar, "Classification of Alzheimer's disease MRI images with CNN based hybrid method," *Ing. des Syst. d'Information*, vol. 25, no. 4, pp. 413–418, 2020, doi: 10.18280/isi.250402.