

DAFTAR PUSTAKA

- [1] B. Hatuwal, B. Joshi, B. K. Hatuwal, and A. Shakya, "Plant Leaf Disease Recognition Using Random Forest, KNN, SVM and CNN," *Polibits*, vol. 62, no. May, pp. 13–19, 2021, doi: 10.17562/PB-62-2.
- [2] Mustikasari, A. R. Ramli, and A. K. Gibran, "Analisis Kinerja Algoritma Machine Learning Untuk Deteksi Penyakit Daun Teh Dengan Particle Swarm Optimization," *J. Embed. Syst. Secur. Intell. Syst.*, vol. 4, no. November, pp. 97–106, 2023, doi: 10.59562/jessi.v4i2.708.
- [3] K. Kusairi, M. Muthmainnah, Imam Tazi, and Moh. Fajrul Falah, "Klasifikasi Pola Aroma Teh Hijau Menggunakan Hidung Elektronik (E-Nose) Berbasis Linear Diskriminan Analisis (LDA)," *J. Pendidik. Mipa*, vol. 12, no. 3, pp. 868–874, 2022, doi: 10.37630/jpm.v12i3.682.
- [4] S. K. Wildah and A. Latif, "Kombinasi Metode Fitur Ekstraksi untuk Identifikasi Penyakit pada Daun Teh," *J. Sist. dan Teknol. Inf.*, vol. 11, no. 3, p. 447, 2023, doi: 10.26418/justin.v11i3.65172.
- [5] M. H. Zayd, M. W. Oktavian, D. G. T. Meranggi, J. A. Figo, and N. Yudistira, "Improvement of garbage classification using pretrained Convolutional Neural Network," *Teknologi*, vol. 12, no. 1, pp. 1–8, 2022, doi: 10.26594/teknologi.v0i0.2403.
- [6] N. M., V. M., and G. Hemantha, "Leaf Classification based on GLCM Texture and SVM," *Int. J. Comput. Appl.*, vol. 177, no. 35, pp. 18–21, 2020, doi: 10.5120/ijca202091984

- [7] A. Tabbakh and S. S. Barpanda, "Evaluation of Machine Learning Models for Plant Disease Classification Using Modified GLCM and Wavelet Based Statistical Features," *Trait. du Signal*, vol. 39, no. 6, pp. 1893–1905, 2022, doi: 10.18280/ts.390602.
- [8] S. R. Raysyah, Veri Arinal, and Dadang Iskandar Mulyana, "Klasifikasi Tingkat Kematangan Buah Kopi Berdasarkan Deteksi Warna Menggunakan Metode Knn Dan Pca," *JSii (Jurnal Sist. Informasi)*, vol. 8, no. 2, pp. 88–95, 2021, doi: 10.30656/jsii.v8i2.3638.
- [9] D. Sartika and D. I. Sensuse, "Perbandingan Algoritma Klasifikasi Naive Bayes, Nearest Neighbour, dan Decision Tree pada Studi Kasus Pengambilan Keputusan Pemilihan Pola Pakaian," *Jatisi*, vol. 1, no. 2, pp. 151–161, 2017, [Online]. Available: <https://jurnal.mdp.ac.id/index.php/jatisi/article/view/78>
- [10] Senna, "Algoritma Klasifikasi Data Mining Untuk Memprediksi Siswa Dalam Memperoleh Bantuan Dana Pendidikan," *Fakt. Exacta*, vol. 11, no. 3, pp. 266–274, 2018, doi: 10.30998/faktorexacta.v11i3.2777.
- [11] N. B. Putri and A. W. Wijayanto, "Analisis Komparasi Algoritma Klasifikasi Data Mining Dalam Klasifikasi Website Phishing," *Komputika J. Sist. Komput.*, vol. 11, no. 1, pp. 59–66, 2022, doi: 10.34010/komputika.v11i1.4350.
- [12] P. J. Leslie and S. Gunawan, "Uji Fitokimia dan Perbandingan Efek Antioksidan Pada Daun Teh Hijau , Teh hitam , dan Teh putih (Camellia

- sinensis) dengan Metode DPPH (2 , 2-difenil-1- pikrilhidrazil),” *Tarumanagara Med. J.*, vol. 1, no. 2, pp. 383–388, 2019.
- [13] dan N. K. Silvia Cahyaningsih, *Siti Abir Wulandari, “MeA,” vol. 10, no. April, pp. 44–53, 2025, doi: 10.33087/mea.v10i1.279.
- [14] R. Fertiasari and K. Kristiandi, “Identifikasi Kandungan Antioksidan Pada Teh Celup Kemasan,” *J. Food Secur. Agroindustry*, vol. 2, no. 2, pp. 69–73, 2024, doi: 10.58184/jfsa.v2i2.369.
- [15] M. Fajri and A. Erlansari, “Hama Pada Tanaman Teh Menggunakan Certainty Factor,” *J. rekursif*, vol. 7, no. 2, p. 158, 2019.
- [16] Kementerian Pertanian, “Outlook Komoditas Perkebunan TEH,” *Pus. Data dan Sist. Inf. Pertan.*, p. 68, 2020.
- [17] B. Mahesh, “Machine Learning Algorithms - A Review,” *Int. J. Sci. Res.*, vol. 9, no. 1, pp. 381–386, 2020, doi: 10.21275/art20203995.
- [18] A. D. Sidik and A. Ansawarman, “Prediksi Jumlah Kendaraan Bermotor Menggunakan Machine Learning,” *Formosa J. Multidiscip. Res.*, vol. 1, no. 3, pp. 559–568, 2022, doi: 10.55927/fjmr.v1i3.745.
- [19] dan S. Zulfa Afiq Fikriya, Mohammad Isa Irawan, “Pengenalan Objek Pada Citra Digital Menggunakan Algoritma,” vol. 6, no. 70, 2017.
- [20] H. Apriyani and K. Kurniati, “Perbandingan Metode Naïve Bayes Dan Support Vector Machine Dalam Klasifikasi Penyakit Diabetes Melitus,” *J. Inf. Technol. Ampera*, vol. 1, no. 3, pp. 133–143, 2020, doi:

10.51519/journalita.volume1.issue3.year2020.page133-143.

- [21] A. M. Puspitasari and A. W. W. , Dian Eka Ratnawati, “Klasifikasi Penyakit Gigi Dan Mulut Menggunakan Metode Support Vector Machine,” *J. Pascapanen dan Bioteknol. Kelaut. dan Perikan.*, vol. 17, no. 1, p. 19, 2022, doi: 10.15578/jpbkp.v17i1.781.
- [22] E. S. dan S. W. Purnami, “Perbandingan Reduced Support Vector Machine dan Smooth Support Vector Machine untuk Klasifikasi Large Data Epa,” *J. SAINS DAN SENI ITS*, vol. 4, no. 1, pp. 143–150, 2020, doi: 10.1201/b17187-10.
- [23] N. G. Ramadhan and A. Khoirunnisa, “Klasifikasi Data Malaria Menggunakan Metode Support Vector Machine,” *J. Media Inform. Budidarma*, vol. 5, no. 4, p. 1580, 2021, doi: 10.30865/mib.v5i4.3347.
- [24] Q. I. Awal, I. H. Agustin, A. F. Hadi, and R. Sunder, “Optimizing Data Classification in Support Vector Machines Using Metaheuristic Algorithms,” vol. 9, no. 2, pp. 320–328, 2024.
- [25] K. Huang, H. Yang, I. King, and M. R. Lyu, “Local Learning vs. Global Learning: An Introduction to Maxi-Min Margin Machine,” no. October 2014, pp. 113–131, 2005, doi: 10.1007/10984697_5.
- [26] Y. Restiani and J. Purwadi, “Support Vector Machine for Classification : A Mathematical and Scientific Approach in Data Analysis,” vol. 10, no. 11, pp. 9896–9903, 2024, doi: 10.29303/jppipa.v10i11.8122.

- [27] M. R. Adrian, M. P. Putra, M. H. Rafialdy, and N. A. Rakhmawati, "Perbandingan Metode Klasifikasi Random Forest dan SVM Pada Analisis Sentimen PSBB," *J. Inform. Upgris*, vol. 7, no. 1, pp. 36–40, 2021, doi: 10.26877/jiu.v7i1.7099.
- [28] A. U. Zailani and N. L. Hanun, "Penerapan Algoritma Klasifikasi Random Forest Untuk Penentuan Kelayakan Pemberian Kredit Di Koperasi Mitra Sejahtera," *Infotech J. Technol. Inf.*, vol. 6, no. 1, pp. 7–14, 2020, doi: 10.37365/jti.v6i1.61.
- [29] H. G. Wang *et al.*, "Prediction of the RFID Identification Rate Based on the Neighborhood Rough Set and Random Forest for Robot Application Scenarios," *Complexity*, vol. 2020, 2020, doi: 10.1155/2020/8831963.
- [30] F. Fathalian, S. Aarabi, A. Ghaemi, and A. Hemmati, "Intelligent prediction models based on machine learning for CO₂ capture performance by graphene oxide-based adsorbents," *Sci. Rep.*, vol. 12, no. 1, pp. 1–21, 2022, doi: 10.1038/s41598-022-26138-6.
- [31] A. M. Tika and N. A. Qudsiyah, "Klasifikasi Tumor Otak Menggunakan Ekstraksi Fitur HOG dan Support Vector Machine," *J. Infortech*, vol. 4, no. 1, pp. 45–50, 2022, [Online]. Available: <https://ejournal.bsi.ac.id/ejurnal/index.php/infortech/article/view/12813>
- [32] Y. Yohannes, Y. P. Sari, and I. Feristyani, "Klasifikasi Wajah Hewan Mamalia Tampak Depan Menggunakan k-Nearest Neighbor Dengan Ekstraksi Fitur HOG," *J. Tek. Inform. dan Sist. Inf.*, vol. 5, no. 1, pp. 84–97,

2019, doi: 10.28932/jutisi.v5i1.1584.

- [33] R. Prasthio, Y. Yohannes, and S. Devella, “Penggunaan Fitur HOG Dan HSV Untuk Klasifikasi Citra Sel Darah Putih,” *J. Algoritm.*, vol. 2, no. 2, pp. 120–132, 2022, doi: 10.35957/algoritme.v2i2.2362.
- [34] W. Gazali, H. Soeparno, and J. Ohliati, “PENERAPAN METODE KONVOLUSI DALAM PENGOLAHAN CITRA DIGITAL,” *J. Mat Stat*, vol. 12, no. 2, pp. 103–113, 2014.
- [35] G. P. K. Irwan Prasetya Gunawan, Ahmad Nur Sheha Gunawan, Ratnadewi, Safrizal, Irwan Prasetya Gunawan, Albert Arapenta Sembiring, Nursuci Putri Husain, *PEMROSESAN CITRA*, vol. 11, no. 1. 2023. [Online]. Available:
http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regsciurbeco.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484_SISTEM_PEMBETUNGAN_TERPUSAT_STRATEGI_MELESTARI
- [36] Ilham Widhi Nugroho; Dedi Gunawan, “SISTEM KLASIFIKASI PENYAKIT TANAMAN PADI MENGGUNAKAN MACHINE LEARNING PADA PLATFORM ANDROID,” p. 6, 2024.
- [37] U. Khultsum and A. Subekti, “Penerapan Algoritma Random Forest dengan Kombinasi Ekstraksi Fitur Untuk Klasifikasi Penyakit Daun Tomat,” *J. Media Inform. Budidarma*, vol. 5, no. 1, p. 186, 2021, doi: 10.30865/mib.v5i1.2624.

- [38] W. F. Hidayat, T. Asra, and A. Setiadi, "Klasifikasi Penyakit Daun Kentang Menggunakan Model Logistic Regression," *Indones. J. Softw. Eng.*, vol. 8, no. 2, pp. 173–179, 2022, [Online]. Available: <http://ejournal.bsi.ac.id/ejurnal/index.php/ijse>
- [39] M. Wahyuni, T. Sabrina, Mukhlis, and H. Santoso, "Aplikasi Support Vector Machine Pada Deteksi Penyakit Busuk Pangkal Batang Ganoderma Tanaman Kelapa Sawit," *Pros. Semin. Nas. Instiper*, vol. 1, no. 1, pp. 105–115, 2022, doi: 10.55180/pro.v1i1.247.
- [40] S. Agustiani, Y. Tajul Arifin, A. Junaidi, S. Khotimatul Wildah, and A. Mustopa, "Klasifikasi Penyakit Daun Padi menggunakan Random Forest dan Color Histogram," *J. Komputasi*, vol. 10, no. 1, 2022, doi: 10.23960/komputasi.v10i1.2961.