

DAFTAR PUSTAKA

- [1] A. Pratama, A. Bintoro, and S. Malasyi, "Implementasi Pemanfaatan Teknologi Informasi Dalam Pembelajaran Daring Untuk Meningkatkan Hasil Belajar Siswa," *J. Malikussaleh Mengabdi*, vol. 3, no. 2, pp. 430–439, 2024.
- [2] M. Nugraheni, C. P. Artanti, and O. Usman, "The Influence of Digital Burnout, Screen Time, and Self Control on the Mental Health of Gen Z in the Digital Age among Students of the Faculty of Economics and Business at the Universitas Negeri Jakarta," *Iconbit*, pp. 748–755, 2025, [Online]. Available: <https://proceeding.unesa.ac.id/index.php/iconbit/article/view/5402/1481>
- [3] I. D. A. E. P. D. Tari and I. M. Mahaardhika, "Cyber Pedagogy and Student Wellbeing: A Literature Review on Digital Burnout and Mental Health in Online Learning," *Adv. Psychol. Sci. Appl.*, vol. 1, no. 02, pp. 81–98, 2025, doi: 10.56741/apsa.v1i02.1114.
- [4] Abdah Syakiroh Gustian and Fathoni Mahardika, "Analisis Klasifikasi Risiko Dropout Mahasiswa Menggunakan Algoritma Decision Tree dan Random Forest," *Jupiter Publ. Ilmu Keteknikan Ind. Tek. Elektro dan Inform.*, vol. 3, no. 4, pp. 182–189, 2025, doi: 10.61132/jupiter.v3i4.980.
- [5] C. Sinulingga *et al.*, "Prediksi Tingkat Kesehatan Mental Pelajar Menggunakan Algoritma C4 . 5 Berbasis Knime Analytics Platform," vol. 4, no. 3, pp. 16568–16575, 2026.
- [6] Ziqqi Rifki Khadafi, Della Pelita, and Tio Gunawan, "The Phenomenon of Digital Burnout and Social-Emotional Crisis Among Students," *Al-Wa'iyah*, vol. 1, no. 2, pp. 38–52, 2025, doi: 10.51590/wai.v1i2.13.
- [7] A. Yusufi, N. Prasetyo, G. Tyas Prayoga, M. Ghani Ramadhana, and K. Kunci, "Kesejahteraan Akademik Mahasiswa Islam di Era Kecerdasan Buatan: Teori dan Implementasi dalam Pengelolaan Stres dan Burnout," *J. Kolaboratif Sains*, vol. 8, no. 5, pp. 2577–2585, 2025, doi: 10.56338/jks.v8i5.7618.
- [8] A. Simangunsong, R. M. Simanjourang, P. S. Hasugian, and F. Amalia, "Analisis Dan Deteksi Burnout Pada Kalangan Anak Muda Dengan Algoritma Naïve Bayes," vol. 5, pp. 158–166, 2026.
- [9] J. Jayadi, V. H. Cahaya Putra, A. R. Raharja, and M. Al-husaini, "Deteksi Dini Kesehatan Mental Mahasiswa Dengan Machine Learning: Perbandingan Algoritma Decision Tree Dan Random Forest," *Technol. J. Ilm.*, vol. 17, no. 1, p. 134, 2026, doi: 10.31602/tji.v17i1.21251.
- [10] A. Wafiq, A. Syawal, . I., and Z. A. Ahmad, "Burnout Akademik di Era Digital dan Persepsi Mahasiswa terhadap Peluang Pemanfaatan Artificial Intelligence untuk Deteksi Dini," *J. Sains dan Teknol.*, vol. 5, no. 3, pp. 426–434, 2025, doi: 10.47233/jsit.v5i3.3711.

- [11] E. E. Surbakti, A. Suciani, P. Silaen, and S. Adibowo, "Pengenalan Aktivitas Manusia Melalui Analisis Data Gerakan Smartphone," *Ultim. J. Tek. Inform.*, vol. 13, no. 1, pp. 58–65, 2021, doi: 10.31937/ti.v13i1.2044.
- [12] R. Novianti, "656-Article Text-2242-2-10-20211231," *Kesehat. Printis*, vol. 8, no. 2, pp. 128–133, 2021.
- [13] S. Alimah, K. G. Swasti, and W. Ekowati, "Gambaran Burnout pada Mahasiswa Keperawatan di Purwokerto," *urnal Keperawatan Soedirman (The Soedirman J. Nursing)*, vol. 11, no. 2, pp. 130–141, 2016.
- [14] M. Syafira, S. Khotimah, and E. Y. Nugrahayu, "9086-37834-1-Pb," *J. Kedokt. Mulawarman*, vol. 10, no. 1, pp. 11–21, 2023.
- [15] P. G. P. R. Mudita, F. D. Purba, and A. Iskandarsyah, "Perbandingan Self-Report dengan Caregiver-Report mengenai Health-Related Quality of Life Anak dengan Talasemia Mayor Usia 8-12 Tahun," *Indones. J. Clin. Pharm.*, vol. 10, no. 1, p. 50, 2021, doi: 10.15416/ijcp.2021.10.1.50.
- [16] G. Aalbers, A. T. Hendrickson, M. M. Vanden Abeele, and L. Keijsers, "Smartphone-Tracked Digital Markers of Momentary Subjective Stress in College Students: Idiographic Machine Learning Analysis," *JMIR mHealth uHealth*, vol. 11, pp. 1–14, 2023, doi: 10.2196/37469.
- [17] D. Prasetyo, "Self Report Questionnaire (SRQ) Indonesia," pp. 1–2, 2022.
- [18] R. K. Akbar, D. Aprizal, A. S. Raharjo, and C. Immanuel, "Prediksi Tingkat Stres Mahasiswa Selama Pembelajaran Daring Menggunakan Algoritma Machine Learning," vol. 01, no. 02, pp. 82–91, 2025, doi: 0.30873/jodmapps.v1i2.pp82-91.
- [19] V. Ilhadi, Muthmainnah, Wahyu Fuadi, Sujacka Retno, T. Sukma Achriadi Sukiman, and Salamah, "Aplikasi Tes Kemampuan Dalam Melihat Minat Siswa di Sekolah Menengah Atas Lhokseumawe," *J. Malikussaleh Mengabdi*, vol. 4, no. 1, pp. 110–116, 2025, doi: 10.29103/jmm.v4i1.22079.
- [20] M. Ula, F. T. T. Anjani, A. F. Ulva, I. Sahputra, and A. Pratama, "Application of Machine Learning With the Binary Decision Tree Model in Determining the Classification of Dental Disease," *J. Informatics Telecommun. Eng.*, vol. 6, no. 1, pp. 170–179, 2022, doi: 10.31289/jite.v6i1.7341.
- [21] M. Solehuddin, W. A. Syafei, and R. Gernowo, "Metode Decision Tree untuk Meningkatkan Kualitas Rencana Pelaksanaan Pembelajaran dengan Algoritma C4.5," *J. Penelit. dan Pengemb. Pendidik.*, vol. 6, no. 3, pp. 510–519, 2022, doi: 10.23887/jppp.v6i3.52840.
- [22] A. F. Kalyana, D. Hamidin, S. Nirwan, S. Vokasi, and D. Tree, "Implementasi Algoritma Decision Tree Pada Penilaian Kinerja Implementation Of The Decision Tree Algorithm In Employee Performance Assessment Using The Objective And Key Result," *J. Kecerdasan Buatan dan Teknol. Inf.*, vol. 4, no. 1, pp. 1–12, 2025.
- [23] I. Meiriska, A. Sukma Wati, L. Rahmi, J. Manajemen Informatika, and N. Sriwijaya, "Pemanfaatan Algoritma Decision Tree Pada Machine Learning Dalam Penentuan

- Klasifikasi Kinerja Karyawan Pada CV Duta Media,” *JUPITER J. Penelit. Ilmu dan Teknol. Komput.*, vol. 17, no. 1, pp. 169–177, 2025, [Online]. Available: <https://jurnal.polsri.ac.id/index.php/jupiter/article/view/10344>
- [24] R. N. Ramadhon, A. Ogi, A. P. Agung, R. Putra, S. S. Febrihartina, and U. Firdaus, “Implementasi Algoritma Decision Tree untuk Klasifikasi Pelanggan Aktif atau Tidak Aktif pada Data Bank,” *Karimah Tauhid*, vol. 3, no. 2, pp. 1860–1874, 2024, doi: 10.30997/karimahtauhid.v3i2.11952.
 - [25] V. Nomor *et al.*, “SEWAGATI : Jurnal Pengabdian Masyarakat Indonesia Deteksi Dini Burnout Akademik dan Gangguan Psikologis Remaja Menggunakan DASS-Y di SMA Wilayah Citra Raya Early Detection of Academic Burnout and Psychological Disorders in Adolescents Using DASS-Y in High,” vol. 4, pp. 4–11, 2025.
 - [26] S. Zacksavira, C. A. Br Sebayang, J. Imanuel, and G. Br Sibarani, “Implementasi Algoritma Decision Tree untuk Deteksi Depresi Pada Pelajar,” *Innov. J. Soc. Sci. Res.*, vol. 5, no. 3, pp. 5915–5934, 2025, doi: 10.31004/innovative.v5i3.19793.
 - [27] A. Adinegara and S. Widodo, “Prediction of Academic Burnout in College Students : A Comparative Analysis of Support Vector Machine and Random Forest Algorithms Prediksi Academic Burnout pada Mahasiswa : Analisis Komparatif Algoritma Support Vector Machine dan Random Forest,” vol. 5, no. October, pp. 1367–1376, 2025.
 - [28] A. Khalik Walya, H. Rizki Sulisty, I. Agustian Pratama, S. Akmal, and I. Budiawan, “Analisa Prediksi Kelulusan Mahasiswa Menggunakan Metode Machine Learning,” *J. Pengabd. Masy. dan Ris. Pendidik.*, vol. 4, no. 3, pp. 16576–16579, 2026, [Online]. Available: <https://doi.org/10.31004/jerkin.v4i3.4959>
 - [29] I. D. Mienye and N. Jere, “A Survey of Decision Trees: Concepts, Algorithms, and Applications,” *IEEE Access*, vol. 12, pp. 86716–86727, 2024, doi: 10.1109/ACCESS.2024.3416838.
 - [30] H. Blockeel, L. Devos, B. Frénay, G. Nanfack, and S. Nijssen, “Decision trees: from efficient prediction to responsible AI,” *Front. Artif. Intell.*, vol. 6, 2023, doi: 10.3389/frai.2023.1124553.
 - [31] E. Demirović *et al.*, “MurTree: Optimal Decision Trees via Dynamic Programming and Search,” *J. Mach. Learn. Res.*, vol. 23, pp. 1–47, 2022.
 - [32] L. Zhao *et al.*, “Development and validation of a digital burnout scale in artificial intelligence era,” *Front. Psychol.*, vol. 16, no. January, pp. 1–14, 2026, doi: 10.3389/fpsyg.2025.1580422.
 - [33] P. Studi, P. J. J. Informatika, and F. Informatika, “PENERAPAN DATA MINING TERHADAP DATA PENJUALAN DENGAN MENGGUNAKAN ALGORITMA APRIORI PADA TOKO CITRA UTAMA,” vol. 8, no. 2, pp. 401–415, 2024, doi: 10.52362/jisamar.v8i2.1485.
 - [34] P. Erten and O. Özdemir, “The Digital Burnout Scale,” *İnönü Üniversitesi Eğitim*

Fakültesi Derg., vol. 21, no. 2, pp. 668–683, 2020, doi: 10.17679/inuefd.597890.

- [35] I. Markoulidakis and G. Markoulidakis, “Probabilistic Confusion Matrix: A Novel Method for Machine Learning Algorithm Generalized Performance Analysis,” *Technologies*, vol. 12, no. 7, 2024, doi: 10.3390/technologies12070113.
- [36] O. Rainio, J. Teuho, and R. Klén, “Evaluation metrics and statistical tests for machine learning,” *Sci. Rep.*, vol. 14, no. 1, pp. 1–14, 2024, doi: 10.1038/s41598-024-56706-x.
- [37] K. M. Sujon, R. Hassan, K. Choi, and M. A. Samad, “Accuracy, precision, recall, f1-score, or MCC? empirical evidence from advanced statistics, ML, and XAI for evaluating business predictive models,” *J. Big Data*, vol. 12, no. 1, 2025, doi: 10.1186/s40537-025-01313-4.
- [38] S. Raschka, J. Patterson, and C. Nolet, “Machine learning in python: Main developments and technology trends in data science, machine learning, and artificial intelligence,” *Inf.*, vol. 11, no. 4, 2020, doi: 10.3390/info11040193.
- [39] M. Ula, A. F. Ulva, M. Mauliza, M. A. Ali, and Y. R. Said, “Application of Machine Learning in Determining the Classification of Children’S Nutrition With Decision Tree,” *J. Tek. Inform.*, vol. 3, no. 5, pp. 1457–1465, 2022, doi: 10.20884/1.jutif.2022.3.5.599.