

DAFTAR PUSTAKA

- Abdurrasyid, M., Hasanah, R., & Rahman, F. (2023). Sistem Diagnosis Infeksi Saluran Pernapasan Akut (ISPA) Menggunakan Metode Learning Vector Quantization (LVQ). *Jurnal Teknologi dan Sistem Informasi*, 11(3), 201–210.
- Abdurrasyid, M., Putra, A., & Nugraha, D. (2021). Pemantauan Kualitas Air Kolam Lobster Menggunakan Algoritma Perceptron Berbasis IoT. *Jurnal Sistem Cerdas Indonesia*, 8(2), 77–86.
- Abdurrasyid, Susanti, I., Indrianto, I., & Zhafira, K. (2023). Acute Respiratory Infections Diagnosis Using Learning Vector Quantization. 2023 International Conference on Computer Science, Information Technology and Engineering (ICCoSITE). IEEE. <https://doi.org/10.1109/ICCoSITE57641.2023.10127811>
- Akarslan, E. (2022). Hourly Electrical Load Forecasting Using Learning Vector Quantization. *Journal of Electrical Engineering*.
- Al-Amri, A. M., Al-Ghamdi, S. A., & Al-Ghamdi, A. S. (2023). Environmental Monitoring of a Smart Greenhouse Powered by a Photovoltaic Cooling System. *International Journal of Smart Grid and Clean Energy*, 12(2), 112-120.
- Al-Ootaibi, R., et al. (2022). Hybrid Deep Learning Applied on Saudi Smart Grids for Short-Term Load Forecasting. *Mathematics*, 10(15), 2666. MDPI.
- Anindita, S., Surya, R., & Prayitno, B. (2021). Peak Load Forecasting Using Long-Short Term Memory: Case Study of Jawa-Madura-Bali System. *Konferensi Nasional Teknologi Informasi dan Kelistrikan, ITPLN*.
- Aziza, R. N., Siswipraptini, P. C., Jabbar, M. A., & Siregar, R. R. A. (2021). Internet of Things and Cloud Based Smart Home Automation for a Better Energy Efficiency. 2021 International Conference on ICT for Smart Society (ICISS). IEEE.

- Balyk, I., et al. (2025). Smart Management of Energy Losses in Distribution Networks Using Deep Neural Networks. *Energies*, 18(12), 3156. MDPI.
- Binus University. (2020). Confusion Matrix. School of Computer Science, Binus University.
- Bu'ulolo, E. (2024). Algoritma K-Nearest Neighbor (K-NN) Dengan Normalisasi Max Min Untuk Menentukan Calon Mahasiswa Yang Layak Menerima KIP Kuliah Merdeka. *Jurnal Sistem Informasi dan Sistem Komputer*, 9(2), 184-194.
- Chapman, P., Clinton, J., Kerber, R., et al. (2000). CRISP-DM 1.0: Step-by-step data mining guide. SPSS Inc.
- Diantari, R. A., & Erlina. (2017). Studi Penyimpanan Energi Pada Baterai PLTS. *Jurnal Energi & Kelistrikan*, 9(2), 120-126.
- Fadhillah, M., Indrianto, I., & Prayitno, B. (2024). Pemodelan Learning Vector Quantization (LVQ) untuk Sistem Penyiraman Otomatis. Skripsi, Institut Teknologi PLN (ITPLN).
- Goo, J. B., et al. (2021). Development of Smart Greenhouse Energy Analysis Model and Analysis of Cooling Packages Performance. *Journal of the Korean Solar Energy Society*, 41(6), 1-13.
- Han, J., Kamber, M., & Pei, J. (2012). *Data Mining: Concepts and Techniques* (3rd ed.). Morgan Kaufmann.
- Handayani, O., et al. (2020). Micro-Spatial Electricity Load Forecasting Using Clustering Technique. 2020 International Conference on Information Technology and Engineering Application (ICIBA). IEEE.
- Hasanah, M. A., Soim, S., & Handayani, A. S. (2021). Implementasi CRISP-DM Model Menggunakan Metode Decision Tree dengan Algoritma CART untuk Prediksi Curah Hujan Berpotensi Banjir. *Journal of Applied Informatics and Computing (JAIC)*, 5(2), 103-108.

- Heryanto, N., & Ndaomanu, E. (2019). *Karakteristik Baterai Lithium-Ion*. Perpustakaan Digital Institut Teknologi Bandung (ITB).
- Lipu, M. S. H., et al. (2024). Applications of Artificial Neural Network Based Battery Management Systems: A Literature Review. *Renewable and Sustainable Energy Reviews*, 192, 114237. Elsevier.
- Makhadmeh, S., et al. (2024). Ensemble Learning in Li-Ion Battery Management Systems: Focus on Voting Regression for Capacity Estimation. *2024 International Conference on Computer Science and Engineering*. IEEE.
- Moayed, H., et al. (2021). Integration of Artificial Neural Networks with Metaheuristic Algorithms for Electric Power Prediction. *Sustainability*, 13(8), 4239. MDPI.
- Németh, B., & Tornai, K. (2023). Open-Set Recognition for Electrical Load Classification. *Energies*, 16(4), 1723. MDPI.
- Ramadhan, A. I., et al. (2021). Analisa Performa Baterai Lithium-air, Lithium-sulfur, dan Lithium-Ion. *Jurnal Teknik Elektro, Universitas Negeri Surabaya*.
- Raza, M. Q., & Khosravi, A. (2015). A review on artificial intelligence based load demand forecasting techniques for smart grid and buildings. *Renewable and Sustainable Energy Reviews*, 50, 1352-1372.
- Sangadji, I. B. M. (2019). The Design of a Smart Home Controller based on ADALINE. *2019 Computing, Communications and IoT Applications (ComComAp)*. IEEE.
- Sangadji, I. B. M., & Arvio, Y. (2019). An Efficient Clustering Approach in Electrical Energy Consumption Patterns. *2019 Computing, Communications and IoT Applications (ComComAp)*. IEEE.
- Sari, D., & Nugroho, Y. (2021). Optimasi Prediksi Beban Listrik Menggunakan Jaringan Syaraf Tiruan LVQ. *Jurnal Teknik Elektro dan Komputer Indonesia*, 9(2), 45–52.

- Sari, R. P., et al. (2022). Komparasi Metode Pembelajaran Mesin Untuk Implementasi Pengambilan Keputusan. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 6(2), 624.
- Setyowati, A. J., & Mariani, S. (2021). Comparison of Learning Vector Quantization (LVQ) and K-Nearest Neighbor (KNN) in Classifying Customer Satisfaction. *Journal of Physics: Conference Series*, 1918(4), 042041.
- Siswipraptini, P. C., Siregar, R. R. A., Sangadji, I. B. M., & Wahyulia, A. S. (2023). Algoritma Perceptron Menggunakan Teknik Machine Learning Untuk Model Smart Distribution Beban Listrik. *Jurnal Energi & Kelistrikan ITPLN*, 15(1), 45-53.
- Subrata, A. C., Sutikno, T., Padmanaban, S., & Purnama, H. S. (2019). Maximum Power Point Tracking in PV Arrays with High Gain DC-DC Boost Converter. *2019 International Conference on Electrical Engineering, Computer Science and Informatics (EECSI)*, 25-29. IEEE.
- Syahputra, R., Robandi, I., & Purnomo, M. H. (2020). Artificial Neural Network for Electric Load Forecasting Using Backpropagation Algorithm. *Jurnal Semesta Teknika*, 23(1), 1–10.
- Vidal, C., et al. (2020). Online Estimation of Lithium-Ion Battery State of Charge Using Multilayer Perceptron Applied to an Instrumented Robot. *Batteries*, 6(1), 21. MDPI.