

DAFTAR PUSTAKA

- [1] N. Ranabhatt, S. Barreto, M. Pimpão, and P. Prates, “Demand Forecasting in the Automotive Industry: A Systematic Literature Review,” *Forecasting*, vol. 7, no. 4, p. 73, Nov. 2025, doi: 10.3390/forecast7040073.
- [2] A. P. Wibawa, A. B. P. Utama, H. Elmunsyah, U. Pujiyanto, F. A. Dwiyanto, and L. Hernandez, “Time-series analysis with smoothed Convolutional Neural Network,” *J. Big Data*, vol. 9, no. 1, p. 44, Dec. 2022, doi: 10.1186/s40537-022-00599-y.
- [3] Tanvi kamal Rana, “A Hybrid Machine Learning and Seasonal Time Series Framework for Variant-Level Monthly Car Sales Forecasting in the Automotive Industry,” *Journal of Information Systems Engineering and Management*, vol. 9, no. 4s, pp. 1670–1676, Dec. 2024, doi: 10.52783/jisem.v9i4s.12210.
- [4] A. I. Simsek, E. Koç, B. Desticioglu Tasdemir, A. Aksöz, M. Turkoglu, and A. Sengur, “Deep Learning Forecasting Model for Market Demand of Electric Vehicles,” *Applied Sciences*, vol. 14, no. 23, p. 10974, Nov. 2024, doi: 10.3390/app142310974.
- [5] Z. Zhang, H. Chai, L. Wu, N. Zhang, and F. Wu, “Automobile-Demand Forecasting Based on Trend Extrapolation and Causality Analysis,” *Electronics (Basel)*, vol. 13, no. 16, p. 3294, Aug. 2024, doi: 10.3390/electronics13163294.
- [6] M. Martinović, K. Dokic, and D. Pudić, “Comparative Analysis of Machine Learning Models for Predicting Innovation Outcomes: An Applied AI Approach,” *Applied Sciences*, vol. 15, no. 7, p. 3636, Mar. 2025, doi: 10.3390/app15073636.
- [7] P. H. Putra, A. Azanuddin, B. Purba, and Y. A. Dalimunthe, “Random forest and decision tree algorithms for car price prediction,” *Jurnal Matematika Dan Ilmu Pengetahuan Alam LLDikti Wilayah I (JUMPA)*, vol. 4, no. 1, pp. 81–89, Sep. 2023, doi: 10.54076/jumpa.v3i2.305.
- [8] Muhammad Nabil Afkar, Dewi Titania Randa, and Rizal Adi Saputra, “Prediksi Penjualan Mobil Toyota di Indonesia Menggunakan Multi-Layer Perceptron,” *Jurnal Informatika Polinema*, vol. 11, no. 1, pp. 91–98, Nov. 2024, doi: 10.33795/jip.v11i1.6339.
- [9] A. Y. Barrera-Animas, L. O. Oyedele, M. Bilal, T. D. Akinosho, J. M. D. Delgado, and L. A. Akanbi, “Rainfall prediction: A comparative analysis of modern machine learning algorithms for time-series forecasting,” *Machine Learning with Applications*, vol. 7, p. 100204, Mar. 2022, doi: 10.1016/j.mlwa.2021.100204.
- [10] T. Kee and W. K. O. Ho, “Optimizing Machine Learning Models for Urban Sciences: A Comparative Analysis of Hyperparameter Tuning Methods,” *Urban Science*, vol. 9, no. 9, p. 348, Aug. 2025, doi: 10.3390/urbansci9090348.
- [11] R. Muhammad Fadzryan and E. Angga Laksana, “Optimasi Prediksi Harga Rumah dengan Random Forest dan Optuna Hyperparameter Tuning,” *Jurnal Pendidikan dan Teknologi Indonesia*, vol. 5, no. 6, pp. 1663–1671, Jun. 2025, doi: 10.52436/1.jpti.846.
- [12] Dominik Foucar, Ingo Stein, Pedro Correa, Ted Rouse, and Klaus Stricker, “M&A Report M&A in Automotive and Mobility: Deals to Secure a Place in the Industry’s Future,” *Bain & Company*, 2024.
- [13] R. Nur, A. Samudra, and D. Wibowo, “ANALISIS PEMANFAATAN SEBELUM

DAN SESUDAH INSENTIF PPnBM-DTP TERHADAP PENJUALAN MOBIL PADA PERUSAHAAN OTOMOTIF DI GAIKINDO.”

- [14] S. Saptadi, W. Budiawan, R. N. Fadhila, R. K. Sumbodo, and D. W. N. Saputra, “Machine learning applied to sales prediction modeling: A systematic literature review,” *Multidisciplinary Reviews*, vol. 9, no. 3, p. 2026127, Aug. 2025, doi: 10.31893/multirev.2026127.
- [15] R. Mitra, P. Saha, and M. Kumar Tiwari, “Sales forecasting of a food and beverage company using deep clustering frameworks,” *Int. J. Prod. Res.*, vol. 62, no. 9, pp. 3320–3332, May 2024, doi: 10.1080/00207543.2023.2231098.
- [16] K. Zhang, N. Xu, and A. Cheng, “Proxy Model Construction for Aerodynamic Effects of High-Speed Trains in Tunnels and Research on Optimization Method of Key Parameters of High-Speed Railway,” in *2022 IEEE 7th International Conference on Intelligent Transportation Engineering (ICITE)*, IEEE, Nov. 2022, pp. 134–139. doi: 10.1109/ICITE56321.2022.10101463.
- [17] A. Casolaro, V. Capone, G. Iannuzzo, and F. Camastra, “Deep Learning for Time Series Forecasting: Advances and Open Problems,” *Information*, vol. 14, no. 11, p. 598, Nov. 2023, doi: 10.3390/info14110598.
- [18] R. M. Jewel *et al.*, “Comparative Analysis of Machine Learning Models for Accurate Retail Sales Demand Forecasting,” *Journal of Computer Science and Technology Studies*, vol. 6, no. 1, pp. 204–210, Feb. 2024, doi: 10.32996/jcsts.2024.6.1.23.
- [19] “HiMKi FST Unja Sukses Gelar Carbon 4.0,” *Jambione*, 2022.
- [20] Silvia Yuliansari Asril, “Carbon 5.0 Jurusan KIMIA FST UNJA,” Universitas Jambi.
- [21] Himpunan Mahasiswa Kimia Universitas Jambi, “Panduan Kompetisi Carbon 07 – Lomba Karya Tulis Ilmiah Nasional (LKTIN),” 2025.
- [22] Himpunan Mahasiswa Kimia Universitas Jambi, “Instagram page of Carbon 07 Competition,” 2025.