

DAFTAR PUSTAKA

- [1] A. Febriansyah and S. Sahara, "Analisis Pengaruh Program Tol Laut Terhadap Efisiensi Logistik Di Indonesia," Jun. 2023. Accessed: Apr. 17, 2026. [Online]. Available: <https://jurnaluniv45sby.ac.id/index.php/ekonomika/article/download/1956/1547>
- [2] F. Sanada, "Jadwal Lengkap Kapal di Pelabuhan SBP Tanjungpinang, Ada ke Singapura dan Malaysia," Ulasan.Co.
- [3] A. Putra, "Pelabuhan Tanjungpinang Masuk 5 Terpadat Jelang Lebaran, Ribuan Penumpang Padati SBP," ulasan.co. Accessed: Apr. 22, 2026. [Online]. Available: <https://ulasan.co/pelabuhan-tanjungpinang-masuk-5-terpadat-jelang-lebaran-ribuan-penumpang-padati-sbp/>
- [4] "Statistik Angkutan Udara dan Angkutan Laut 2024," 2024.
- [5] "Statistik Angkutan Udara dan Angkutan Laut 2023," 2023.
- [6] "Statistik Angkutan Udara dan Angkutan Laut 2022," 2022.
- [7] "Statistik Angkutan Udara dan Angkutan Laut 2020," 2020.
- [8] "Statistik Angkutan Udara dan Angkutan Laut 2021," 2021.
- [9] "Statistik Angkutan Udara dan Angkutan Laut 2019," 2019.
- [10] "Statistik Angkutan Udara dan Angkutan Laut 2018," 2018.
- [11] M. D. S. Ramadhan, R. A. Rakhman, A. A. I. S. Wahyuni, and T. Rahayu, "Analisis Penyebab Keterlambatan Keberangkatan Kapal di Taboneo Anchorage Banjarmasin," *Scientica: Jurnal Ilmiah Sain dan Teknologi*, pp. 218–250, Sep. 2024.
- [12] R. S. Maulana, "Pengaruh Kecepatan Angin, Arus, dan Cuaca Terhadap Laratnya Jangkar Kapal saat Berlabuh," Politeknik Ilmu Pelayaran Semarang, Semarang, 2023.
- [13] M. M. Kasawehi, D. Hatidja, and Y. A. R. Langi, "Prediction the Number of Ship Passengers in Ports Tagulandang Using the Triple Exponential Smoothing (TES) Method," *Jurnal Ilmiah Sains*, pp. 108–117, Oct. 2023, doi: 10.35799/jis.v23i2.48886.

- [14] “Cuaca Buruk di Tanjungpinang, Keberangkatan Kapal Ferry Sempat Tertunda Dua Jam,” *TribunBatam.id*.
- [15] A. I. La Murdani and Y. W. A. Nanlohy, “Implementasi Model Autoregressive Integrated Moving Average (Arima) Untuk Peramalan Jumlah Penumpang Kapal Laut Di Pelabuhan Ambon,” *VARIANCE: Journal of Statistics and Its Applications*, vol. 3, no. 2, pp. 81–90, May 2022, doi: 10.30598/variancevol3iss2page81-90.
- [16] E. Sasqia Syahna, Z. Yunizar, Z. Fitri, U. Malikussaleh, and E. S. Syahna, “Implementation of the Seasonal Autoregressive Integrated Moving Average with Exogenous Variables (SARIMAX) Algorithm for Rice Price Prediction,” 2024, doi: 10.29103/icomden.v2.xxxx.
- [17] N. B. Moerrin, A. T. Damaliana, and I. G. S. M. Diyasa, “Bus Passenger Demand Forecasting Using A Hybrid ARIMA–MLP Model,” *bit-Tech*, vol. 8, no. 3, pp. 3473–3484, Apr. 2026, doi: 10.32877/bt.v8i3.3549.
- [18] I. Maulita and A. M. Wahid, “Prediksi Magnitudo Gempa Menggunakan Random Forest, Support Vector Regression, XGBoost, LightGBM, dan Multi-Layer Perceptron Berdasarkan Data Kedalaman dan Geolokasi,” *Jurnal Pendidikan dan Teknologi Indonesia*, vol. 4, no. 5, pp. 221–232, Dec. 2024, doi: 10.52436/1.jpti.470.
- [19] M. R. R. Isworo, F. T. Anggraeny, and A. Junaidi, “Model Hibrida Deret Waktu Adaptif untuk Peramalan Dinamis Permintaan Penumpang Kereta Api Menggunakan Kalman Filter,” *Jurnal Teknologi Informasi dan Ilmu Komputer*, vol. 13, no. 1, pp. 105–112, Feb. 2026, doi: <https://doi.org/10.25126/jtiik.2026131>.
- [20] M. A. Harriz, N. V. Akbariani, H. Setiyowati, and H. Santoso, “Enhancing the Efficiency of Jakarta’s Mass Rapid Transit System with XGBoost Algorithm for Passenger Prediction,” *Jambura Journal of Informatics*, vol. 5, no. 1, pp. 1–6, Apr. 2023, doi: 10.37905/jji.v5i1.18814.
- [21] S. Putri and A. Sofro, “Peralaman Jumlah Keberangkatan Penumpang Pelayaran Dalam Negeri Di Pelabuhan Tanjung Perak Menggunakan Metode Arima Dan Sarima,” vol. 10, 2022, Accessed: Apr. 17, 2026. [Online].

Available:

<https://ejournal.unesa.ac.id/index.php/mathunesa/article/view/44699>

- [22] N. S. Khoiriyah, M. Silfiani, R. Novelinda, and S. M. Rezki, “Peramalan Jumlah Penumpang Kapal di Pelabuhan Balikpapan dengan SARIMA,” *Jurnal Statistika dan Komputasi*, vol. 2, no. 2, pp. 76–82, Dec. 2023, doi: 10.32665/statkom.v2i2.2303.
- [23] R. Wati, R. Estriana, R. Praptiwi, B. Salsabila Ilmi, N. Rafa Oktavian, and T. Zakiyudin, “Analisis Perbandingan XGBoost, Random Forest, dan LSTM untuk Prediksi Jumlah Penumpang Bus,” *Journal of Informatics and Interactive Technology*, vol. 2, no. 3, pp. 405–413, Dec. 2025, doi: 10.63547/jiite.v2i3.73.
- [24] G. C. Lee and J. Y. Bang, “Forecasting Container Throughput of Singapore Port Considering Various Exogenous Variables Based on SARIMAX Models,” *Forecasting*, vol. 6, no. 3, pp. 748–760, Sep. 2024, doi: 10.3390/forecast6030038.
- [25] A. Prayuda and I. Pratama, “Prediksi Jumlah Kedatangan Wisatawan Mancanegara di Indonesia Berdasarkan Pintu Masuk Kedatangan Udara,” *Rabit : Jurnal Teknologi dan Sistem Informasi Univrab*, vol. 9, no. 2, pp. 232–241, Jul. 2024, doi: 10.36341/rabit.v9i2.4787.
- [26] F. I. Sari, E. L. Gunawan, C. A. Adhigiadany, A. Lisanthoni, S. Data, and J. Timur, “Model Prediksi Kepadatan Lalu Lintas: Perbandingan Antara Algoritma Random Forest dan XGBoost,” *Seminar Nasional Sains Data*, vol. 2023, 2023.
- [27] M. Obaidat, H. A. Almomani, R. Mallouhy, A. AlMotari, and O. T. Al Meanazel, “A Hybrid Machine Learning Framework for Daily Dairy Demand Forecasting: Integrating SARIMAX and XGBoost for Seasonal Production Optimization,” *IEEE Access*, vol. 13, pp. 162668–162680, 2025, doi: 10.1109/ACCESS.2025.3610316.
- [28] K. Arunika and L. J. E. Dewi, “Perbandingan Model Sarima, Exponential Smoothing, Dan Xgboost Untuk Prediksi Penjualan Super Store,” *Jurnal Informatika dan Teknik Elektro Terapan*, vol. 13, no. 3S1, Oct. 2025, doi: 10.23960/jitet.v13i3S1.8173.

- [29] M. Cintani, Y. A. Nizar, Y. Angraini, K. A. Notodiputro, and L. N. A. Mualifah, "Evaluation of the SARIMA and Prophet Models in Forecasting Ship Passenger Numbers at Balikpapan Port," *Jambura Journal of Mathematics*, vol. 7, no. 2, pp. 120–128, Jul. 2025, doi: 10.37905/jjom.v7i2.31606.
- [30] D. N. P. Pakaya, N. Achmad, I. K. Hasan, D. Wungguli, and S. N. Abdussamad, "Prediksi Wisatawan Mancanegara di Indonesia Menggunakan Metode SARIMAX dengan Efek Variasi Kalender Libur Nasional," *Jurnal Riset Mahasiswa Matematika*, vol. 4, no. 6, pp. 287–300, Jul. 2025, doi: 10.18860/jrmm.v4i6.34937.
- [31] J. Pardede, A. Putri Setyaningrum, and M. Ilyas Al-Fadhlih, "Impact of Feature Engineering on XGBoost Model for Forecasting Cayenne Pepper Prices," *Scientific Journal of Informatics*, vol. 12, no. 4, Nov. 2025, doi: 10.15294/sji.v12i4.32157.
- [32] M. Heru Widiyanto and R. Mayasari, "Implementasi Time Series Pada Data Penjualan Di Gaikindo Menggunakan Algoritma Seasonal Arima," 2023. [Online]. Available: <https://files.gaikindo.or.id/>
- [33] H. A. Khoiri, *Analisis Deret Waktu Univariat*, 1st ed. UNIPMA PRESS, 2023. Accessed: Apr. 18, 2026. [Online]. Available: <https://kwu.unipma.ac.id/buku/1823/analisis-deret-waktu-univariat-teori-dan-pengolahan-data>
- [34] N. Putu Decy Arwini and I. Made Juniastra, "Peran Transportasi Dalam Dunia Industri," vol. 6, no. 1, Feb. 2023.
- [35] A. S. C. Mappangara, *Sistem Layanan Transportasi Laut*. Professorline, 2024.
- [36] Fakultas MIPA, "Dinamika Monsun dan Pancaroba di Indonesia: Mengapa Peralihannya Kian Tidak Stabil?" Accessed: Apr. 19, 2026. [Online]. Available: <https://fmipa.unesa.ac.id/2025/11/dinamika-monsun-dan-pancaroba-di-indonesia-mengapa-peralihannya-kian-tidak-stabil/#content>
- [37] L. Gusalim, dan Danial, B. Luwu Timur, P. Ilmu Kelautan, F. Perikanan dan Ilmu Kelautan, and K. Author, "The Influence of Monsoon Winds on

- Seaworthiness in Bone Bay South Sulawesi Province,” vol. 1, no. 1, 2023, [Online]. Available: <http://polar.ncep.noaa.gov/waves>.
- [38] J. T. Lingkungan *et al.*, “Wind Characteristics of the North Coastal Region of Java Island According to Monsoon Variability ANIES MA’RUFATIN*, ARDILA YANANTO, WAHYU WIDODO PANDOE,” vol. 25, no. 1, p. 20, 2024, [Online]. Available: <http://www.meteomanz.com>.
- [39] Hasby Kuswanto, Pradita Eko Prasetyo Utomo, Ulfa Khaira, and Akhiyar Waladi, “Prediksi Nilai Ekspor Migas Indonesia Menggunakan Metode SARIMA dan LSTM,” *SATESI: Jurnal Sains Teknologi dan Sistem Informasi*, vol. 5, no. 1, pp. 69–79, Apr. 2025, doi: 10.54259/satesi.v5i1.4103.
- [40] D. Yugo Prasajo and K. Muludi, “Passenger Density Prediction at the Airport Using LSTM and SARIMA: A Case Study at Radin Inten Airport, Lampung,” 2025. [Online]. Available: <http://jurnal.polibatam.ac.id/index.php/JAIC>
- [41] I. B. P. Swardanasuta, W. A. Sofa, S. Muchlisoh, and A. W. Wijayanto, “Forecasting Indonesian Monthly Rice Prices at Milling Level Using Google Trends and Official Statistics Data,” 2025.
- [42] Y. Dimas Pratama and A. Salam, “Comparison of Data Normalization Techniques on KNN Classification Performance for Pima Indians Diabetes Dataset,” *Journal of Applied Informatics and Computing*, vol. 9, no. 3, pp. 693–706, Jun. 2025, doi: 10.30871/jaic.v9i3.9353.
- [43] H. Hakkoum and A. Idri, “A Comparative Study on the Impact of Categorical Encoding on Black Box Model Interpretability,” in *Proceedings of the 13th International Conference on Data Science, Technology and Applications, DATA 2024*, SciTePress, 2024, pp. 384–391. doi: 10.5220/0012766300003756.
- [44] M. S. Akbar, D. A. Safira, R. Fadhillah, S. Damayanti, Riskianto, and K. Puthy, “Eid Al-Fitr Influences The Number Of Train Passengers On The Sumatra Island (Calendar Variations Time Series Model),” *Barekeng*, vol. 18, no. 4, pp. 2191–2202, Oct. 2024, doi: 10.30598/barekengvol18iss4pp2191-2202.

- [45] A. Sholihah, M. Hadijati, and Z. Widya Baskara, "Peramalan Curah Hujan Batukliang Utara Dengan Model Autoregressive Integrated Moving Average With Exogenous Input (Arimax)," 2024.
- [46] I. N. G. A. M. Wardhiana *et al.*, "Comparative Study of Statistical, Machine Learning, and Deep Learning for Rice Retail Price Forecasting in West Java," in *Proceedings - 2024 2nd International Conference on Technology Innovation and Its Applications, ICTIIA 2024*, Institute of Electrical and Electronics Engineers Inc., 2024. doi: 10.1109/ICTIIA61827.2024.10761587.
- [47] I. Amansyah, J. Indra, E. Nurlaelasari, and A. R. Juwita, "Prediksi Penjualan Kendaraan Menggunakan Regresi Linear Studi Kasus pada Industri Otomotif di Indonesia," *INNOVATIVE: Journal Of Social Science Research*, vol. 4, 2024.
- [48] M. Ali Fikri and A. Lubis Ghozali, "Sistem Informasi Forecasting Produksi Padi Menggunakan Metode Least Square," *Jurnal Sistem Informasi Bisnis*, p. 1, 2025, doi: 10.14710/vol15iss1pp.
- [49] N. Hazimah Latief, I. Setiawan, and P. Studi Statistika Fakultas, "Peramalan Curah Hujan di Kota Makassar dengan Menggunakan Metode SARIMAX," vol. 22, no. 1, pp. 55–63, May 2022.
- [50] Cherman, "Nelayan Natuna tidak melaut karena cuaca ekstrem," ANTARA.