

## DAFTAR PUSTAKA

- [1] W. Bank, "Population, total - Indonesia," World Bank Open Data. Accessed: Mar. 26, 2025. [Online]. Available: [https://data.worldbank.org/indicator/SP.POP.TOTL?most\\_recent\\_value\\_desc=true&view=chart%7C](https://data.worldbank.org/indicator/SP.POP.TOTL?most_recent_value_desc=true&view=chart%7C)
- [2] M. Z. Usman, F. Lihawa, and D. W. K. Baderan, "Implikasi Pertumbuhan Penduduk dan Alih Fungsi Lahan Sawah terhadap Ketahanan Pangan di Provinsi Gorontalo," *J. Ilmu Sos. dan Hum.*, vol. 3, no. 1, 2025, doi: <https://doi.org/10.62383/wissen.v3i1.538>.
- [3] Media Indonesia, "Memahami Produk Domestik Bruto dan Pentingnya bagi Perekonomian," metrotvnews. Accessed: Mar. 26, 2025. [Online]. Available: <https://www.metrotvnews.com/read/koGCR6qv-memahami-produk-domestik-bruto-dan-pentingnya-bagi-perekonomian>
- [4] Direktorat Neraca Produksi, *Produk Domestik Bruto Triwulam 2020–2024*, vol. 7. Badan Pusat Statistik, 2024. [Online]. Available: [https://www.bps.go.id/id/publication/2024/10/09/7290b829d2eaa972e4968d19/produk-domestik-bruto-indonesia-triwulanan-2020-2024.html?utm\\_source=chatgpt.com](https://www.bps.go.id/id/publication/2024/10/09/7290b829d2eaa972e4968d19/produk-domestik-bruto-indonesia-triwulanan-2020-2024.html?utm_source=chatgpt.com)
- [5] Sekretariat Jenderal - Kementerian Pertanian, *Buku Outlook Komoditas Peternakan Telur Ayam Ras*, vol. 53, no. 9. 2020.
- [6] dan P. Direktorat Statistik Tanaman Pangan, Hortikultural, *Indikator Pertanian 2023*. Badan Pusat Statistik, 2024.
- [7] C. M. Annur, "Inilah 10 Sektor Usaha dengan Kontribusi Terbesar terhadap PDB Indonesia (2023)," Data Boks.
- [8] L. M. Michelli, S. Sudianto, and D. Aldo, "Prediction of Egg Price in Traditional Markets using Deep Learning," 2024. doi: <https://doi.org/10.1109/ICITRI62858.2024.10698950>.
- [9] W. A. V. Putri and Aberth, "Kontribusi Pertanian pada PDB Capai Lebih dari 12%," Good Stats. Accessed: Mar. 27, 2025. [Online]. Available:

<https://data.goodstats.id/statistic/kontribusi-pertanian-pada-pdb-capai-lebih-dari-12-eskl7>

- [10] Badan Pusat Statistik, “Jumlah Penduduk Menurut Kabupaten/Kota di Jawa Tengah (Jiwa), 2022-2023,” Badan Pusat Statistika Provinsi Jawa Tengah. Accessed: Mar. 27, 2025. [Online]. Available: <https://jateng.bps.go.id/id/statistics-table/2/NzY2IzI=/jumlah-penduduk-menurut-kabupaten-kota-di-jawa-tengah.html>
- [11] Badan Pusat Statistik, “Laju Pertumbuhan Penduduk (Persen), 2023-2024,” Badan Pusat Statistika Kabupaten Banyumas. Accessed: Mar. 27, 2025. [Online]. Available: <https://banyumaskab.bps.go.id/id/statistics-table/2/MTYwIzI=/laju-pertumbuhan-penduduk.html>
- [12] Badan Pusat Statistik, “Penduduk 15 Tahun Ke Atas yang Bekerja menurut Lapangan Pekerjaan Utama 1986 - 2024,” Badan Pusat Statistika. Accessed: Mar. 27, 2025. [Online]. Available: <https://www.bps.go.id/id/statistics-table/1/OTcwIzE=/population-15-years-to-top-who-worked-by-main-industry-1986-2022.html>
- [13] B. K. Banyumas, *Hasil Pencacahan Lengkap Sensus Pertanian 2023 - Tahap I Kabupaten Banyumas*, 1st ed. BPS Kabupaten Banyumas, 2023. [Online]. Available: <https://banyumaskab.bps.go.id/id/publication/2023/12/15/cb84690e40fae159c14bf64c/hasil-pencacahan-lengkap-sensus-pertanian-2023---tahap-1-kabupaten-banyumas.html>
- [14] T. G. Omomule, O. O. Ajayi, and A. O. Orogun, “Fuzzy prediction and pattern analysis of poultry egg production,” *Comput. Electron. Agric.*, vol. 171, Apr. 2020, doi: 10.1016/j.compag.2020.105301.
- [15] S. Kautsar, “Peramalan Awal Harga Telur Ayam Ras di Indonesia Sebagai Pandangan Awal dalam Penentuan Kebijakan,” *Semin. Nas. Off. Stat.*, vol. 2023, no. 1, pp. 429–438, 2023, doi: 10.34123/semnasoffstat.v2023i1.1681.
- [16] Badan Pusat Statistik Indonesia, “Rata-rata Konsumsi Perkapita Seminggu Menurut Kelompok Telur dan Susu Per Kabupaten/Kota.” Accessed: Nov.

- 17, 2024. [Online]. Available: <https://www.bps.go.id/id/statistics-table/2/MjA5OSMy/rata-rata-konsumsi-perkapita-seminggu-menurut-kelompok-telur-dan-susu-per-kabupaten-kota.html>
- [17] T. Hartawan, “BPS Sebut Harga Telur, Ayam, dan Daging Secara Historis Selalu Naik Menjelang Idul Fitri.” Accessed: Nov. 17, 2024. [Online]. Available: <https://www.tempo.co/ekonomi/bps-sebut-harga-telur-ayam-dan-daging-secara-historis-selalu-naik-menjelang-idul-fitri-81022>
- [18] Laily Media Yuliana, “Harga Telur Ayam di Pasar Manis Purwokerto Tinggi Lagi, Per Kilo Rp 31 Ribu Jelang Natal dan Akhir Tahun.” Accessed: Nov. 17, 2024. [Online]. Available: <https://radarbanyumas.disway.id/read/71060/harga-telur-ayam-di-pasar-manis-purwokerto-tinggi-lagi-per-kilo-rp-31-ribu-jelang-natal-dan-akhir-tahun>
- [19] I. T. Berbelina Ratte Lebok, Muhammad Badar, “Fenomena Relasi Hari Raya Besar Keagamaan Terhadap Kenaikan Harga Sembako di Pasar Makale Tana Toraja,” vol. 2, 2023.
- [20] N. O. Syamsiah, “Peramalan Harga Telur Ayam Ras Di Jakarta Timur Berbasis Jaringan Syaraf Tiruan,” *CESS (Journal Comput. Eng. Syst. Sci.*, vol. 5, no. 1, p. 65, 2020, doi: 10.24114/cess.v5i1.15554.
- [21] S. Mahmudah, “Harga Telur Ayam Ras di Purwokerto Berangsur Turun.” Accessed: Nov. 17, 2024. [Online]. Available: <https://jateng.antaranews.com/berita/207779/harga-telur-ayam-ras-di-purwokerto-berangsur-turun>
- [22] T. P. Laily Media Yuliana, “Harga Telur Ayam Naik di Banyumas Meski Masih 1 Bulan Libur Akhir Tahun 2022, Pedagang Pesimis Harga Turun.” Accessed: Nov. 17, 2024. [Online]. Available: [https://radarbanyumas.disway.id/read/71061/harga-telur-ayam-naik-di-banyumas-meski-masih-1-bulan-libur-akhir-tahun-2022-pedagang-pesimis-harga-turun#google\\_vignette](https://radarbanyumas.disway.id/read/71061/harga-telur-ayam-naik-di-banyumas-meski-masih-1-bulan-libur-akhir-tahun-2022-pedagang-pesimis-harga-turun#google_vignette)
- [23] A. M. Ratna Mega Sari, Sri Mulyati, Andjar Astuti, “Risiko Harga Daging

Ayam Ras dan Telur Ayam Ras di Provinsi Banten Selama Pandemi Covid 19,” vol. 6, pp. 308–314, 2022.

- [24] Y. Tang *et al.*, “A survey on machine learning models for financial time series forecasting,” *Neurocomputing*, vol. 512, pp. 363–380, Nov. 2022, doi: 10.1016/j.neucom.2022.09.003.
- [25] L. Mo, M. Jiang, X. Fang, and X. Shi, “A Novel Hybrid STL-Based Model for Egg Price Forecasting,” 2023, pp. 365–382. doi: 10.2991/978-94-6463-230-9\_44.
- [26] H. Yin, D. Jin, Y. H. Gu, C. J. Park, S. K. Han, and S. J. Yoo, “STL-ATTTLSTM: Vegetable price forecasting using stl and attention mechanism-based LSTM,” *Agric.*, vol. 10, no. 12, pp. 1–17, Dec. 2020, doi: 10.3390/agriculture10120612.
- [27] R. JAISWAL, G. K. JHA, K. CHOUDHARY, and R. R. KUMAR, “STL decomposition based LSTM model for seasonal agricultural price forecasting,” Aug. 22, 2022. doi: 10.21203/rs.3.rs-1350423/v1.
- [28] F. Ramadhani, K. Sukiyono, and M. Suryanty, “Forecasting of Paddy Grain and Rice’s Price: An ARIMA (Autoregressive Integrated Moving Average) Model Application,” *SOCA J. Sos. Ekon. Pertan.*, vol. 14, no. 2, p. 224, May 2020, doi: 10.24843/soca.2020.v14.i02.p04.
- [29] G. A. Tardini and Suharjito, “Selection of Modelling for Forecasting Crude Palm Oil Prices Using Deep Learning (GRU & LSTM),” *Emerg. Sci. J.*, vol. 8, no. 3, pp. 875–898, Jun. 2024, doi: 10.28991/ESJ-2024-08-03-05.
- [30] H. Aldabagh, X. Zheng, and R. Mukkamala, “A Hybrid Deep Learning Approach for Crude Oil Price Prediction,” *J. Risk Financ. Manag.*, vol. 16, no. 12, Dec. 2023, doi: 10.3390/jrfm16120503.
- [31] A. Hintono, *Ilmu Pengetahuan Telur*. UNDIP Press Semarang, 2022.
- [32] S. P. Dewi, N. Nurwati, and E. Rahayu, “Penerapan Data Mining Untuk Prediksi Penjualan Produk Terlaris Menggunakan Metode K-Nearest Neighbor,” *Build. Informatics, Technol. Sci.*, vol. 3, no. 4, pp. 639–648, Mar. 2022, doi: 10.47065/bits.v3i4.1408.

- [33] A. M. and A. R. V.-K. Sina Ardabili, “Advances in Machine Learning Modeling Reviewing Hybrid and Ensemble Methods,” Aug. 20, 2019. doi: 10.20944/preprints201908.0203.v1.
- [34] R. J. Hyndman and G. Athanasopoulos, “Forecasting: Principles and Practice,” Apr. 2018.
- [35] C. S. W. M. E. J. and T. I. Cleveland B. Robert, “STL\_ A Seasonal-Trend Decomposition Procedure Based on Loess,” *J. Off. Stat.*, 1990.
- [36] J. K. Halim, ) Dyah, E. Herwindiati, and J. Hendryli, “Penerapan Gated Recurrent Unit Untuk Diksi Zat Pencemaran Udara,” *J. Ilmu Komput. dan Sist. Inf.*, 2022, doi: <http://dx.doi.org/10.24912/jiksi.v10i2.22540>.
- [37] M. J. Hamayel and A. Y. Owda, “A Novel Cryptocurrency Price Prediction Model Using GRU, LSTM and bi-LSTM Machine Learning Algorithms,” *AI*, vol. 2, no. 4, pp. 477–496, Dec. 2021, doi: 10.3390/ai2040030.
- [38] A. Tholib, N. K. Agusmawati, and F. Khoiriyah, “Prediksi Harga Emas Menggunakan Metode LSTM dan GRU,” *J. Inform. dan Tek. Elektro Terap.*, vol. 11, no. 3, Aug. 2023, doi: 10.23960/jitet.v11i3.3250.
- [39] U. I. Arfianti, D. C. R. Novitasari, N. Widodo, M. Hafiyusholeh, and W. D. Utami, “Sunspot Number Prediction Using Gated Recurrent Unit (GRU) Algorithm,” *IJCCS (Indonesian J. Comput. Cybern. Syst.*, vol. 15, no. 2, p. 141, Apr. 2021, doi: 10.22146/ijccs.63676.
- [40] A. Gillioz, J. Casas, E. Mugellini, and O. A. Khaled, “Overview of the Transformer-based Models for NLP Tasks,” in *Proceedings of the 2020 Federated Conference on Computer Science and Information Systems, FedCSIS 2020*, Institute of Electrical and Electronics Engineers Inc., Sep. 2020, pp. 179–183. doi: 10.15439/2020F20.
- [41] C. Cahyaningtyas, Y. Nataliani, I. R. Widiyari, F. T. Informasi, U. Kristen, and S. Wacana, “Analisis sentimen pada rating aplikasi Shopee menggunakan metode Decision Tree berbasis SMOTE,” vol. 18, no. 2, pp. 173–184, 2021.
- [42] A. A. dan L. ETP, “Prediksi Harga Saham Di Indonesia Menggunakan

Algoritma Long Short-Term Memory,” *Semin. Nas. Teknol. Inf. dan Komun.*, vol. 3, 2019.

- [43] E. Setiawan, N. Jusniani, and A. Sutandi, “Analisis Kesalahan Mahasiswa dalam Menyelesaikan Soal Interpolasi Berdasarkan Analisis Kesalahan Newman,” vol. 10, no. 2, pp. 221–233, 2021.
- [44] S. Sofiyani and Y. Permanasari, “Penerapan Metode Cubic Spline Interpolation untuk Menentukan Peluang Kematian pada Tabel Mortalita,” pp. 29–36, 2023, doi: <https://doi.org/10.29313/jrm.v3i1.1735>.
- [45] L. Vincentius Riandaru Prasetyo, Mirella Mercifia, Anasthasya Averina and B. Sunyoto, “Prediksi Rating Film Pada Wesite IMDB Menggunakan Metode Neural Network,” *J. Ilm. NERO*, vol. 7, no. 1, 2022.
- [46] F. Soufitri and E. Purwawijaya, “Analisis Kualitas Rancangan Point of Sale Menerapkan Metode Mean Squared Error,” vol. 6, pp. 2376–2382, 2022, doi: [10.30865/mib.v6i4.4767](https://doi.org/10.30865/mib.v6i4.4767).
- [47] T. O. Hodson, “Root-mean-square error ( RMSE ) or mean absolute error ( MAE ): when to use them or not,” no. 2, pp. 5481–5487, 2022, doi: <https://doi.org/10.5194/gmd-15-5481-2022>.
- [48] M. Dadang Iskandar Mulyana, “Optimasi Prediksi Harga Udang Vaname dengan Metode RMSE dan MAE Dalam Algoritma Regresi Linier,” *J. Ilmia Betrik*, vol. 13, no. 01, pp. 50–58, 2022, doi: <http://dx.doi.org/10.36050/betrik.v13i1.439>.
- [49] E. Analysis, T. Sales, and D. Forecasting, “Analisis Error Terhadap Peramalan Data Penjualan,” vol. 20, no. 1, pp. 1–9, 2021.
- [50] A. T. Nurani, A. Setiawan, B. Susanto, D. Salatiga, and J. Tengah, “Perbandingan Kinerja Regresi Decision Tree dan Regresi Linear Berganda untuk Prediksi BMI pada Dataset Asthma,” vol. 6, no. 1, pp. 34–43, 2023, doi: <https://doi.org/10.24246/juses.v6i1p34-43>.