

DAFTAR PUSTAKA

- [1] S. Verma, G. T. Thampi, and M. Rao, "Ann based method for improving gold price forecasting accuracy through modified gradient descent methods," *IAES International Journal of Artificial Intelligence*, vol. 9, pp. 46–57, 2020.
- [2] G. I. MARTHASARI, "Prediksi harga emas menggunakan metode generalized regression neural network dan algoritma genetika," 2014.
- [3] N. Tripathy, "International journal of economics and financial issues forecasting gold price with auto regressive integrated moving average model," *International Journal of Economics and Financial Issues*, vol. 7, pp. 324–329, 2017. [Online]. Available: <http://www.econjournals.com>
- [4] D. G. Baur and B. M. Lucey, "Is gold a hedge or a safe haven? an analysis of stocks, bonds and gold," *SSRN Electronic Journal*, 2 2009. [Online]. Available: <https://papers.ssrn.com/abstract=952289>
- [5] D. Bredin, T. Conlon, and V. Pott, "Does gold glitter in the long-run? gold as a hedge and safe haven across time and investment horizon," *SSRN Electronic Journal*, 8 2014. [Online]. Available: https://www.researchgate.net/publication/272300330_Does_Gold_Glitter_in_the_Long-Run_Gold_as_a_Hedge_and_Safe_Haven_Across_Time_and_Investment_Horizon
- [6] Y. Kusumawati, K. Widyatmoko, and C. Irawan, "Gold price prediction using support vector regression," (*JAIS*) *Journal of Applied Intelligent System*, vol. 7, pp. 89–102, 5 2022. [Online]. Available: <https://publikasi.dinus.ac.id/index.php/jais/article/view/6124>
- [7] M. R. Shahraki, "A new hybrid model using deep learning to forecast gold price," *Journal of Applied Dynamic Systems and Control*, vol. 6, pp. 81–87, 2023.
- [8] N. K. Agusmawati, F. Khoiriyah, A. Tholib, U. N. Jadid, J. P. N. Jadid, D. T. Lor, K. Paiton, K. Probolinggo, and J. Timur, "Prediksi harga emas menggunakan metode lstm dan gru," *Jurnal Informatika dan Teknik Elektro Terapan*, vol. 11, pp. 2830–7062, 8 2023. [Online]. Available: <https://journal.eng.unila.ac.id/index.php/jitet/article/view/3250>
- [9] X. Yang, "The prediction of gold price using arima model," Tech. Rep., 2019.
- [10] B. Xie, "Gold price forecast: A summary of the integration of economic factors and calculation methods," 2025. [Online]. Available: <https://orcid.org/0009-0006-3560-5386>
- [11] A. Hassani, M. Javadi, and M. Naisipour, "The time series informer model for stock market prediction," 10 2025. [Online]. Available: <https://www.preprints.org/manuscript/202510.1842/v1>

- [12] Y. Wu, "Comparison between transformer, informer, autoformer and non-stationary transformer in financial market," 2023.
- [13] Q. Wen, T. Zhou, C. Zhang, W. Chen, Z. Ma, J. Yan, and L. Sun, "Transformers in time series: A survey," 2023. [Online]. Available: <https://github.com/qingsongedu/time-series-transformers-review>
- [14] H. Zhou, S. Zhang, J. Peng, S. Zhang, J. Li, H. Xiong, and W. Zhang, "Informer: Beyond efficient transformer for long sequence time-series forecasting," *35th AAAI Conference on Artificial Intelligence, AAAI 2021*, vol. 12B, pp. 11 106–11 115, 12 2020. [Online]. Available: <https://arxiv.org/pdf/2012.07436>
- [15] X. Liu, W. Wang, X. Liu, and W. Wang, "Deep time series forecasting models: A comprehensive survey," *Mathematics 2024, Vol. 12,*, vol. 12, 5 2024. [Online]. Available: <https://www.mdpi.com/2227-7390/12/10/1504>
- [16] A. Fayyazbakhsh, T. Kienberger, J. Vopava-Wrienz, A. Fayyazbakhsh, T. Kienberger, and J. Vopava-Wrienz, "Comparative analysis of load profile forecasting: Lstm, svr, and ensemble approaches for singular and cumulative load categories," *Smart Cities 2025, Vol. 8,*, vol. 8, 4 2025. [Online]. Available: <https://www.mdpi.com/2624-6511/8/2/65>
- [17] G. Velarde, P. Branez, A. Bueno, R. Heredia, and M. Lopez-Ledezma, "An open-source and reproducible implementation of lstm and gru networks for time series forecasting," *Engineering Proceedings*, vol. 18, 4 2025. [Online]. Available: <http://arxiv.org/abs/2504.18185><http://dx.doi.org/10.3390/engproc2022018030>
- [18] G. Lu, Y. Ou, Z. Wang, Y. Qu, Y. Xia, D. Tang, I. Kotenko, and W. Li, "A survey of deep learning for time series forecasting: Theories, datasets, and state-of-the-art techniques," *Computers, Materials and Continua*, vol. 85, pp. 2403–2441, 9 2025. [Online]. Available: https://www.sciencedirect.com/org/science/article/pii/S1546221825008872?utm_source=chatgpt.com
- [19] Q. Zhu, J. Han, K. Chai, C. Zhao, Q. Zhu, J. Han, K. Chai, and C. Zhao, "Time series analysis based on informer algorithms: A survey," *Symmetry 2023, Vol. 15,*, vol. 15, 4 2023. [Online]. Available: <https://www.mdpi.com/2073-8994/15/4/951>
- [20] F. Ba and J. A. Chudziak, "Applying informer for option pricing: A transformer-based approach," 2025. [Online]. Available: <https://orcid.org/0000-0003-4534-8652>
- [21] Q. Zhang, Y. Yang, and Z. Wang, "Data preparation for data mining," *Applied Artificial Intelligence*, vol. 17, 2003.

- [22] Y. R. M. Ferdinandus, K. Kusriani, and T. Hidayat, "Gold price prediction using the arima and lstm models," *Sinkron : jurnal dan penelitian teknik informatika*, vol. 7, pp. 1255–1264, 7 2023. [Online]. Available: <https://jurnal.polgan.ac.id/index.php/sinkron/article/view/12461>
- [23] V. Cerqueira, L. Torgo, and I. Mozetič, "Evaluating time series forecasting models: an empirical study on performance estimation methods," *Machine Learning*, vol. 109, pp. 1997–2028, 2020. [Online]. Available: <https://doi.org/10.1007/s10994-020-05910-7>
- [24] S. Annas, Z. Rais, A. Aswi, Indrayasaro, and Nurfajriani, "Implementation of support vector regression (svr) analysis in predicting gold prices in indonesia," pp. 97–107, 2023.
- [25] D. Makala and Z. Li, "Prediction of gold price with arima and svm," *Journal of Physics: Conference Series*, vol. 1767, 2 2021. [Online]. Available: https://www.researchgate.net/publication/349451531_Prediction_of_gold_price_with_ARIMA_and_SVM
- [26] M. Hisyam, Z. Fitri, and H. A. K. Aidilof, "Implementasi algoritma xgboost dengan walk forward validation untuk prediksi harga emas antam," *JURNAL RISET KOMPUTER (JURIKOM)*, vol. 12, pp. 403–413, 8 2025. [Online]. Available: <https://ejurnal.stmik-budidarma.ac.id/index.php/jurikom/article/view/8693>
- [27] M. R. Nurhambali, Y. Angraini, and A. Fitrianto, "Implementation of long short-term memory for gold prices forecasting," *Malaysian Journal of Mathematical Sciences Journal homepage Nurhambali*, vol. 18, pp. 399–422, 2024. [Online]. Available: <https://doi.org/10.47836/mjms.18.2.11>: <https://mjms.upm.edu.my>
- [28] V. Leal, "Traffic analysis and prediction in urban areas," 10 2019. [Online]. Available: https://www.researchgate.net/publication/341679308_Traffic_Analysis_and_Prediction_in_Urban_Areas
- [29] Z. Yang, L. Liu, N. Li, and J. Tian, "Time series forecasting of motor bearing vibration based on informer," *Sensors 2022, Vol. 22, Page 5858*, vol. 22, p. 5858, 8 2022. [Online]. Available: <https://www.mdpi.com/1424-8220/22/15/5858/htmhttps://www.mdpi.com/1424-8220/22/15/5858>
- [30] H. Wu and J. Zhang, "A multi-source time series forecasting framework based on informer for climate finance and industrial economy," *Academic Journal of Business & Management*, vol. 7, 2025.