

Referensi

- [1] Y. Chen, G. Wu, Y. Ge, and Z. Xu, "Mapping Gridded Gross Domestic Product Distribution of China Using Deep Learning With Multiple Geospatial Big Data," *IEEE J Sel Top Appl Earth Obs Remote Sens*, vol. 15, pp. 1791–1802, 2022, doi: <https://doi.org/10.1109/JSTARS.2022.3148448>.
- [2] S. C. Agu, F. U. Onu, U. K. Ezemagu, and D. Oden, "Predicting gross domestic product to macroeconomic indicators," *Intelligent Systems with Applications*, vol. 14, 2022, doi: <https://doi.org/10.1016/j.iswa.2022.200082>.
- [3] Y. Xu, L. He, Y. Liang, J. Si, and Y. Bao, "Enterprise Power Consumption Data and GDP Forecasting Based on Ensemble Algorithms," *E3S Web of Conferences*, vol. 30, pp. 3–6, 2021, doi: <https://doi.org/10.1051/e3sconf/202123301030>.
- [4] X. Wu, Z. Zhang, H. Chang, and Q. Huang, "A Data-Driven Gross Domestic Product Forecasting Model Based on Multi-Indicator Assessment," *IEEE Access*, vol. 9, pp. 99495–99503, 2021, doi: <https://doi.org/10.1109/ACCESS.2021.3062671>.
- [5] Z. Fannoun and I. Hassouneh, "The causal relationship between exports, imports and economic growth in Palestine," *Journal of Reviews on Global Economics*, vol. 8, no. Pcb, 2018, pp. 258–268, 2019, doi: <https://doi.org/10.6000/1929-7092.2019.08.22>.
- [6] M. R. Islam and M. Haque, "The Trends of Export and Its Consequences to the GDP of Bangladesh," *Journal of Social Sciences and Humanities*, vol. 1, no. 1, pp. 63–67, 2018, [Online]. Available: <http://www.aascit.org/journal/archive2?journalId=931&paperId=6460>
- [7] O. O. Awe, D. M. Akinlana, O. O. S. Yaya, and O. Aromolaran, "Time series analysis of the behaviour of import and export of agricultural and non-agricultural goods in West Africa: A case study of Nigeria," *Agris On-line Papers in Economics and Informatics*, vol. 10, no. 2, pp. 15–22, 2018, doi: <https://doi.org/10.7160/aol.2018.100202>.
- [8] A. M. Khan and U. Khan, "The stimulus of export and import performance on economic growth in oman," *Montenegrin Journal of Economics*, vol. 17, no. 3, pp. 71–86, 2021, doi: <https://doi.org/10.14254/1800-5845/2021.17-3.6>.
- [9] B. Rahardjo, B. Mukhammad, B. Akbar, and A. Shalehah, "Analysis and strategy for improving Indonesian coffee competitiveness in the international market," *BISMA*, vol. 12, no. 2, pp. 154–167, 2020, doi: <https://doi.org/10.26740/bisma.v12n2.p154-167>.
- [10] A. Rifin, Feryanto, Herawati, and Harianto, "Assessing the impact of limiting Indonesian palm oil exports to the European Union," *J Econ Struct*, 2020, doi: <https://doi.org/10.1186/s40008-020-00202-8>.
- [11] R. Meyliawati, D. Saputera, G. N. Alam, D. F. Moenardi, R. Muttaqin, and R. A. Dewi, "Determinants of Indonesian Coal Commodity Export Before and Post the Spread of the Covid-19 Policy," *East Asian Journal of Multidisciplinary Research*, vol. 1, no. 5, pp. 801–812, 2022, doi: <https://doi.org/10.55927/eajmr.v1i5.567>.
- [12] S. T. Wahyudi and I. Maipita, "Comparative Analysis on The Market Share of Indonesian Export Commoties: Opportunities and Challenges," *Jurnal Ekonomi Pembangunan: Kajian Masalah Ekonomi dan Pembangunan*, vol. 19, no. 2, pp. 163–171, 2019, doi: <https://doi.org/10.23917/jep.v19i2.5708>.
- [13] B. Shao, M. Li, Y. Zhao, and G. Bian, "Nickel Price Forecast Based on the LSTM Neural Network Optimized by the Improved PSO Algorithm," *Math Probl Eng*, vol. 2019, 2019, doi: <https://doi.org/10.1155/2019/1934796>.

- [14] H. Lin and Q. Sun, "Crude oil prices forecasting: An approach of using Ceemdan-based multi-layer gated recurrent unit networks," *Energies (Basel)*, vol. 13, no. 7, pp. 1–21, 2020, doi: <https://doi.org/10.3390/en13071543>.
- [15] I. E. Livieris, E. Pintelas, N. Kiriakidou, and S. Stavroyiannis, *An Advanced Deep Learning Model for Short-Term Forecasting U.S. Natural Gas Price and Movement*, vol. 585 IFIP. Springer International Publishing, 2020. doi: https://doi.org/10.1007/978-3-030-49190-1_15.
- [16] C. Liu, Z. Hu, Y. Li, and S. Liu, "Forecasting copper prices by decision tree learning," *Resources Policy*, vol. 52, no. May, pp. 427–434, 2017, doi: <https://doi.org/10.1016/j.resourpol.2017.05.007>.
- [17] K. A. Manjula and P. Karthikeyan, "Gold Price Prediction using Ensemble based Machine Learning Techniques," *2019 3rd International Conference on Trends in Electronics and Informatics (ICOEI)*, no. April 2019, pp. 1360–1364, 2020, doi: <https://doi.org/10.1109/ICOEI.2019.8862557>.
- [18] K. M. Sabu and T. K. M. Kumar, "Predictive analytics in Agriculture: Forecasting prices of Arecanuts in Kerala," *Procedia Comput Sci*, vol. 171, no. 2019, pp. 699–708, 2020, doi: <https://doi.org/10.1016/j.procs.2020.04.076>.
- [19] A. Andiojaya and H. Demirhan, "A bagging algorithm for the imputation of missing values in time series," *Expert Syst Appl*, vol. 129, pp. 10–26, 2019, doi: <https://doi.org/10.1016/j.eswa.2019.03.044>.
- [20] J. C. Pena, G. Nápoles, and Y. Salgueiro, "Normalization method for quantitative and qualitative attributes in multiple attribute decision-making problems," *Expert Syst Appl*, vol. 198, no. February 2021, p. 116821, 2022, doi: <https://doi.org/10.1016/j.eswa.2022.116821>.
- [21] E. Chen and X. J. He, "Crude Oil Price Prediction with Decision Tree Based Regression Approach Crude Oil Price Prediction with Decision Tree Based Regression Approach," *Journal of International Technology and Information Management*, vol. 27, no. 4, 2019, [Online]. Available: <https://scholarworks.lib.csusb.edu/jitim/vol27/iss4/1>
- [22] T. Brabenec, P. Suler, J. Horak, and M. Petras, "Prediction of the Future Development of Gold Price," *Acta Montanistica Slovaca*, vol. 25, no. 2020, 2021, doi: <https://doi.org/10.46544/AMS.v25i2.11>.
- [23] H. Zhou, J. Zhang, Y. Zhou, X. Guo, and Y. Ma, "A feature selection algorithm of decision tree based on feature weight," *Expert Syst Appl*, vol. 164, no. August 2020, p. 113842, 2021, doi: <https://doi.org/10.1016/j.eswa.2020.113842>.
- [24] K. M. Hindrayani, T. M. Fahrudin, R. Prismahardi Aji, and E. M. Safitri, "Indonesian Stock Price Prediction including Covid19 Era Using Decision Tree Regression," *2020 3rd International Seminar on Research of Information Technology and Intelligent Systems, ISRITI 2020*, no. March 2020, pp. 344–347, 2020, doi: <https://doi.org/10.1109/ISRITI51436.2020.9315484>.
- [25] L. D. Yulianto, A. Triayudi, and I. D. Sholihati, "Implementation Educational Data Mining For Analysis of Student Performance Prediction with Comparison of K-Nearest Neighbor Data Mining Method and Decision Tree C4.5," *Jurnal Mantik*, vol. 4, no. 1, pp. 441–451, 2020, [Online]. Available: <https://iocscience.org/ejournal/index.php/mantik/article/view/770>
- [26] R. K. Paul *et al.*, "Machine learning techniques for forecasting agricultural prices: A case of brinjal in Odisha, India," *PLoS One*, vol. 17, no. 7 July, pp. 1–17, 2022, doi: <http://dx.doi.org/10.1371/journal.pone.0270553>.
- [27] W. Deng, Y. Guo, J. Liu, Y. Li, D. Liu, and L. Zhu, "A missing power data filling method based on improved random forest algorithm," *Chinese Journal of Electrical Engineering*, vol. 5, no. 4, pp. 33–39, 2019, doi: <https://doi.org/10.23919/CJEE.2019.000025>.

- [28] L. Tapak, H. Abbasi, and H. Mirhashemi, "Assessment of factors affecting tourism satisfaction using K-nearest neighborhood and random forest models," *BMC Res Notes*, vol. 12, no. 1, pp. 1–5, 2019, doi: <https://doi.org/10.1186/s13104-019-4799-6>.
- [29] S. R. Polamuri, K. Srinivas, and A. Krishna Mohan, "Stock market prices prediction using random forest and extra tree regression," *International Journal of Recent Technology and Engineering*, vol. 8, no. 3, pp. 1224–1228, 2019, doi: <https://doi.org/10.35940/ijrte.C4314.098319>.
- [30] C. Pierdzioch and M. Risse, "Forecasting precious metal returns with multivariate random forests," *Empir Econ*, vol. 58, no. 3, pp. 1167–1184, 2020, doi: <https://doi.org/10.1007/s00181-018-1558-9>.
- [31] K. Bhatia, R. Mittal, J. Varanasi, and M. M. Tripathi, "An ensemble approach for electricity price forecasting in markets with renewable energy resources," *Util Policy*, vol. 70, no. January, p. 101185, 2021, doi: <https://doi.org/10.1016/j.jup.2021.101185de>.
- [32] Z. Xu, H. Deng, and Q. Wu, "Prediction of soybean price trend via a synthesis method with multistage model," *International Journal of Agricultural and Environmental Information Systems*, vol. 12, no. 4, pp. 1–13, 2021, doi: <https://doi.org/10.4018/IJAEIS.20211001.oa1>.
- [33] L. Boongasame, P. Viriyaphol, K. Tassanavipas, and P. Temdee, "Gold-Price Forecasting Method Using Long Short-Term Memory and the Association Rule," *Journal of Mobile Multimedia*, vol. 19, no. 1, pp. 165–186, 2022, doi: <https://doi.org/10.13052/jmm1550-4646.1919>.
- [34] P. H. Kuo and C. J. Huang, "An electricity price forecasting model by hybrid structured deep neural networks," *Sustainability (Switzerland)*, vol. 10, no. 4, pp. 1–17, 2018, doi: <https://doi.org/10.3390/su10041280>.
- [35] M. F. Maulana, S. Sa, and P. E. Yunanto, "Crude Oil Price Forecasting Using Long Short-Term Memory," *Jurnal Ilmiah Teknik Elektro Komputer dan Informatika*, vol. 7, no. 2, pp. 286–295, 2021, doi: <https://doi.org/10.26555/jiteki.v7i2.21086>.
- [36] T. B. Shahi, A. Shrestha, A. Neupane, and W. Guo, "Stock price forecasting with deep learning: A comparative study," *Mathematics*, vol. 8, no. 9, pp. 1–15, 2020, doi: <https://doi.org/10.3390/math8091441>.
- [37] D. J. V. Lopes, G. D. S. Bobadilha, and A. P. V. Bedette, "Analysis of lumber prices time series using long short-term memory artificial neural networks," *Forests*, vol. 12, no. 4, 2021, doi: <https://doi.org/10.3390/f12040428>.
- [38] T. O. Hodson, "Root-mean-square error (RMSE) or mean absolute error (MAE): when to use them or not," *Geosci Model Dev*, vol. 15, no. 14, pp. 5481–5487, 2022, doi: <https://doi.org/10.5194/gmd-15-5481-2022>.
- [39] J. Weleszczuk, B. Kosińska-Selbi, and P. Cholewińska, "Prediction of Polish Holstein's economical index and calving interval using machine learning," *Livest Sci*, vol. 264, no. February, 2022, doi: <https://doi.org/10.1016/j.livsci.2022.105039>.
- [40] M. U. Ahmed and I. Hussain, "Prediction of Wheat Production Using Machine Learning Algorithms in northern areas of Pakistan," *Telecomm Policy*, vol. 46, no. 6, p. 102370, 2022, doi: <https://doi.org/10.1016/j.telpol.2022.102370>.
- [41] G. P. Herrera, M. Constantino, B. M. Tabak, H. Pistori, J. J. Su, and A. Naranpanawa, "Long-term forecast of energy commodities price using machine learning," *Energy*, vol. 179, pp. 214–221, 2019, doi: <https://doi.org/10.1016/j.energy.2019.04.077>.

- [42] R. R. Novanda *et al.*, “A Comparison of Various Forecasting Techniques for Coffee Prices,” *J Phys Conf Ser*, vol. 1114, no. 1, 2018, doi: <https://doi.org/10.1088/1742-6596/1114/1/012119>.
- [43] F. Nhita, D. Saepudin, A. Paramita, S. Marliani, and U. N. Wisesty, “Price prediction for agricultural commodities in Bandung regency based on Functional Link Neural Network and artificial bee colony algorithms,” *Journal of Computer Science*, vol. 15, no. 10, pp. 1390–1395, 2019, doi: <https://doi.org/10.3844/jcssp.2019.1390.1395>.