

DAFTAR PUSTAKA

- [1] B. Tan, Z. Gan, and Y. Wu, "The measurement and early warning of daily financial stability index based on XGBoost and SHAP: Evidence from China," *Expert Syst Appl*, vol. 227, Oct. 2023, doi: 10.1016/j.eswa.2023.120375.
- [2] Z. J. Ye and B. W. Schuller, "Capturing dynamics of post-earnings-announcement drift using a genetic algorithm-optimized XGBoost," *Expert Syst Appl*, vol. 177, Sep. 2021, doi: 10.1016/j.eswa.2021.114892.
- [3] A. Caparrini, J. Arroyo, and J. Escayola Mansilla, "S&P 500 stock selection using machine learning classifiers: A look into the changing role of factors," *Res Int Bus Finance*, vol. 70, Jun. 2024, doi: 10.1016/j.ribaf.2024.102336.
- [4] D. Kocaoğlu, K. Turgut, and M. Z. Konyar, "Sector-Based Stock Price Prediction with Machine Learning Models," *SAKARYA UNIVERSITY JOURNAL OF COMPUTER AND INFORMATION SCIENCES*, vol. 5, no. 3, 2022, doi: 10.35377/saucis.05.03.1200151.
- [5] A. Gunawan and A. Wibowo, "Stock Price Movement Classification Using Ensembled Model of Long Short-Term Memory (LSTM) and Random Forest (RF)," *Journal of Informatics and Visualization*, vol. 7, no. 4, pp. 1046–1055, 2023.
- [6] Zhang, X., & Chen, W. (2022). "Stock Selection Based on Extreme Gradient Boosting," *Proceedings of the 38th Chinese Control Conference*, pp. 8926–8931.
- [7] Lawal, Zaharaddeen & Yassin, Hayati & Yusuf, Rufai. (2020). "Stock Market Prediction using Supervised Machine Learning Techniques: An Overview", 2020 IEEE Asia-Pacific Conference on Computer Science and Data Engineering (CSDE) 1-6. 10.1109/CSDE50874.2020.9411609.

- [8] A. B. Gumelar *et al.*, "Boosting the Accuracy of Stock Market Prediction using XGBoost and Long Short-Term Memory," *2020 International Seminar on Application for Technology of Information and Communication (iSemantic)*, Semarang, Indonesia, 2020, pp. 609-613, doi: 10.1109/iSemantic50169.2020.9234256.
- [9] T. Chen and C. Guestrin, "XGBoost: A Scalable Tree Boosting System," *Proc. 22nd ACM SIGKDD Int. Conf. Knowledge Discovery and Data Mining*, 2016, pp. 785–794.
- [10] O. Guennioui, D. Chiadmi, and M. Amghar, "Improving Global Stock Market Prediction with XGBoost and LightGBM Machine Learning Models," *Rev. Econ. Finance*, vol. 21, pp. 2603–2610, 2023.
- [11] J. Nobre and R. F. Neves, "Combining Principal Component Analysis, Discrete Wavelet Transform, and XGBoost to trade in the financial markets," *Expert Systems with Applications*, vol. 125, pp. 181–194, 2019. [Online]. Available: <https://doi.org/10.1016/j.eswa.2019.02.005>
- [12] Zolotareva, E. (2021). "Aiding Long-Term Investment Decisions with XGBoost Machine Learning Model," *Proceedings of the 20th International Conference on Artificial Intelligence and Soft Computing Web System (ICAISC 2021)*, pp. 1120-1132.
- [13] M. Xu, J. Zhang and Z. Li, "A novel Lasso-ARMA model for time series prediction," *2018 Chinese Automation Congress (CAC)*, Xi'an, China, 2018, pp. 1698-1703, doi: 10.1109/CAC.2018.8623506.
- [14] B. Thiesson, D. Heckerman, and C. Meek, "ARMA Time-Series Modeling with Graphical Models," *Proceedings of the Twentieth Conference on Uncertainty in Artificial Intelligence (UAI 2004)*, Banff, Canada, 2004. Available at: [Microsoft Research](#).
- [15] S. Mehrmolaei and M. R. Keyvanpour, "Time series forecasting using improved ARIMA," *2016 Artificial Intelligence and Robotics (IRANOPEN)*, Qazvin, Iran, 2016, pp. 92-97, doi: 10.1109/RIOS.2016.7529496.

- [16] Kontopoulou, Vaia & Panagopoulos, Athanasios & Kakkos, Ioannis & Matsopoulos, George. (2023). A Review of ARIMA vs. Machine Learning Approaches for Time Series Forecasting in Data Driven Networks. *Future Internet*. 15. 255. 10.3390/fi15080255.
- [17] C. Hongfang and S. Rui, "ARMA Model Parameter Optimized Estimate Method," *2010 First ACIS International Symposium on Cryptography, and Network Security, Data Mining and Knowledge Discovery, E-Commerce and Its Applications, and Embedded Systems*, Qinhuangdao, China, 2010, pp. 22-26, doi: 10.1109/CDEE.2010.13.
- [18] F. Schober, C. Boer, and L. A. Schwarte, "Correlation coefficients: Appropriate use and interpretation," *Anesthesia & Analgesia*, vol. 126, no. 5, pp. 1763–1768, 2018.
- [19] M. Eltehiwy and A. B. Abdul-Motaal, "A new method for computing and testing the significance of the Spearman Rank Correlation," *Computational Journal of Mathematical and Statistical Sciences*, vol. 2, no. 2, pp. 240–250, 2023.
- [20] J. Hauke and T. Kossowski, "Comparison of values of Pearson's and Spearman's correlation coefficients on the same sets of data," *Quaestiones Geographicae*, vol. 30, no. 2, pp. 87–93, 2011.
- [21] J. Gauthier, "Detecting trends using Spearman's rank correlation coefficient," *Environmental and Ecological Statistics*, vol. 8, no. 3, pp. 241–258, 2001.
- [22] A. Zare, A. Ozdemir, M. A. Iwen, and S. Aviyente, "Extension of PCA to Higher Order Data Structures: An Introduction to Tensors, Tensor Decompositions, and Tensor PCA," *Proceedings of the IEEE*, vol. 106, no. 8, pp. 1313–1331, Aug. 2018.
- [23] Engin, U., & Durer, S. (2023). "Financial Distress Prediction from Time Series Data Using XGBoost: BIST100 of Borsa Istanbul," *Doğuş Üniversitesi Dergisi*, 24(2), 589-604. DOI: 10.31671/doujournal.1238432.

- [24] Vakili, Meysam & Ghamsari, Mohammad & Rezaei, Masoumeh. (2020). Performance Analysis and Comparison of Machine and Deep Learning Algorithms for IoT Data Classification. 10.48550/arXiv.2001.09636.
- [25] I. L. Cherif and A. Kortebi, "On using eXtreme Gradient Boosting (XGBoost) Machine Learning algorithm for Home Network Traffic Classification," *2019 Wireless Days (WD)*, Manchester, UK, 2019, pp. 1-6, doi: 10.1109/WD.2019.8734193.
- [26] Kumar, Kanak & Chaudhri, Shiv & Singh, Navin & Shvetsov, Alexey & Sahal, Radhya & Alsamhi, Saeed. (2023). An IoT-Enabled E-Nose for Remote Detection and Monitoring of Airborne Pollution Hazards Using LoRa Network Protocol. *Sensors* (Basel, Switzerland). 23. 10.3390/s23104885.