

DAFTAR PUSTAKA

- [1] A. Rejeb, K. Rejeb, and J. G. Keogh, "Cryptocurrencies in Modern Finance: A Literature Review," *ETIKONOMI*, vol. 20, no. 1, pp. 93–118, Feb. 2021, doi: 10.15408/etk.v20i1.16911.
- [2] Y. Liu, N. Naktasukanjn, A. Tamprasirt, and T. Rattanadamrongaksorn, "Do crude oil, gold and the US dollar contribute to Bitcoin investment decisions? An ANN-DCC-GARCH approach," *Asian Journal of Economics and Banking*, vol. 8, no. 1, pp. 2–18, Mar. 2024, doi: 10.1108/ajeb-10-2023-0106.
- [3] J. W. Choi and Y. K. Choi, "The prediction of Bitcoin price through gold price using long short-term memory model," *IAES International Journal of Artificial Intelligence*, vol. 13, no. 1, pp. 909–916, Mar. 2024, doi: 10.11591/ijai.v13.i1.pp909-916.
- [4] M. H. Z. K. Ramadhani, "The Impact of Bitcoin Halving Day on Stock Market in Indonesia," 2022. doi: 10.32535/jicp.v5i3.1800.
- [5] "Crypto Price since All Time High (ATH)," <https://www.coingecko.com/en/highlights/all-time-high-crypto>.
- [6] H. S. Jung, J. H. Kim, and H. Lee, "Decoding Bitcoin: Leveraging Macro-And Micro-Factors in Time Series Analysis for Price Prediction," 2024. doi: 10.7717/peerj-cs.2314.
- [7] A. Sengupta, A. Das, and S. I. Guler, "Hybrid hidden Markov LSTM for short-term traffic flow prediction," Jul. 2023, [Online]. Available: <http://arxiv.org/abs/2307.04954>
- [8] J. Cahyani, S. Mujahidin, and T. P. Fiqar, "Implementasi Metode Long Short Term Memory (LSTM) untuk Memprediksi Harga Bahan Pokok Nasional," *Jurnal Sistem dan Teknologi Informasi (JustIN)*, vol. 11, no. 2, p. 346, Jul. 2023, doi: 10.26418/justin.v11i2.57395.
- [9] T. Sun, Z. Huang, H. Zhu, Y. Huang, and P. Zheng, "Congestion Pattern Prediction for a Busy Traffic Zone Based on the Hidden Markov Model," *IEEE Access*, vol. 9, pp. 2390–2400, 2021, doi: 10.1109/ACCESS.2020.3047394.
- [10] J. Chen, "Analysis of Bitcoin Price Prediction Using Machine Learning," *Journal of Risk and Financial Management*, vol. 16, no. 1, Jan. 2023, doi: 10.3390/jrfm16010051.
- [11] M. Tadayon and G. Pottie, "Comparative Analysis of the Hidden Markov Model and LSTM: A Simulative Approach," Aug. 2020, [Online]. Available: <http://arxiv.org/abs/2008.03825>
- [12] W. Chen, Y. Cai, A. Li, Y. Su, and K. Jiang, "Single-Channel Sleep EEG Classification Method Based on LSTM and Hidden Markov Model," *Brain Sci*, vol. 14, no. 11, Nov. 2024, doi: 10.3390/brainsci14111087.
- [13] Fiqrianur Haikal, Deny Yudiantoro, and A. N. Hidayati, "PENGETAHUAN, PENDAPATAN, DAN KEMAJUAN TEKONOLOGI TERHADAP MINAT INVESTASI MASYARAKAT DI PASAR MODAL (STUDI KASUS MASYARAKAT KABUPATEN BLITAR)," *Jurnal Cakrawala Ilmiah*, vol. 2, no. 3, pp. 943–952, Nov. 2022, doi: 10.53625/jcijurnalcakrawalailmiah.v2i3.4031.

- [14] S. Nurlaeli and D. Artati, "Analisis Kinerja Portofolio Saham dengan Metode Sharpe, Treynor, dan Jensen," *Jurnal Ilmiah Mahasiswa Manajemen, Bisnis dan Akuntansi (JIMMBA)*, vol. 2, no. 6, pp. 972–990, Dec. 2020, doi: 10.32639/jimmba.v2i6.690.
- [15] R. Sacipto, A. Yasin, and A. F. Syah, "GOVERNMENT ROLE ANALYSIS: CRYPTOCURRENCIES REVIEW OF THEORY, ISLAMIC LAW AND POLICY IN INDONESIA," 2023.
- [16] F. Habib, "A Critical Analysis of Bitcoin from an Islamic Legal Perspective," in *Fintech, Digital Currency and the Future of Islamic Finance*, Cham: Springer International Publishing, 2021, pp. 9–29. doi: 10.1007/978-3-030-49248-9_2.
- [17] S. N. Alawiyah, "Pemodelan Menggunakan Pendekatan Recurrent Neural Network Long Short-Term Memory (RNN-LSTM) Pada Harga Emas Dunia," Oct. 2021.
- [18] R. J. Hyndman and G. Athanasopoulos, *Forecasting: Principles and Practice*, 3rd ed. Australia: <https://otexts.com/fpp3/>, 2021.
- [19] A. Degirmenci, "Introduction to Hidden Markov Models," 2014.
- [20] M. Tadayon and G. J. Pottie, "Predicting Student Performance in an Educational Game Using a Hidden Markov Model," *IEEE Transactions on Education*, vol. 63, no. 4, pp. 299–304, Nov. 2020, doi: 10.1109/TE.2020.2984900.
- [21] L. R. Rabiner, "A tutorial on hidden Markov models and selected applications in speech recognition," *Proceedings of the IEEE*, vol. 77, no. 2, pp. 257–286, 1989, doi: 10.1109/5.18626.
- [22] N. Narayanan and K. P. Arjun, "Introduction to Deep Learning," in *Artificial Intelligence for Precision Agriculture*, Boca Raton: Auerbach Publications, 2024, pp. 32–60. doi: 10.1201/9781003504900-2.
- [23] N. Rochmawati, H. B. Hidayati, and Y. Yamasari, "Analisa Learning Rate dan Batch Size Pada Klasifikasi Covid Menggunakan Deep Learning dengan optimizer Adam," *Jurnal Informatika*, vol. 5, pp. 44–48, 2021.
- [24] M. R. Firmansyah, R. Ilyas, and F. Kasyidi, "Klasifikasi Kalimat Ilmiah Menggunakan Recurrent Neural Network," in *Prosiding The 11th Industrial Research Workshop and National Seminar*, 2020, pp. 488–495.
- [25] H. N. Bhandari, B. Rimal, N. R. Pokhrel, R. Rimal, K. R. Dahal, and R. K. C. Khatri, "Predicting stock market index using LSTM," *Machine Learning with Applications*, vol. 9, p. 100320, Sep. 2022, doi: 10.1016/j.mlwa.2022.100320.
- [26] S. Hahn and H. Choi, "Understanding dropout as an optimization trick," *Neurocomputing*, vol. 398, pp. 64–70, Jul. 2020, doi: 10.1016/J.NEUCOM.2020.02.067.
- [27] C. E. Nwankpa, W. Ijomah, A. Gachagan, and S. Marshall, "Activation Functions: Comparison of Trends in Practice and Research for Deep Learning," in *2nd International Conference on Computational Sciences and Technology (ICCST)*, 2021, pp. 124–133.
- [28] H. Chen, X. He, C. Ren, L. Qing, and Q. Teng, "Cisrdcn: Super-resolution of compressed images using deep convolutional neural networks," *Neurocomputing*, vol. 285, pp. 204–219, 2018, doi: 10.1016/j.neucom.2018.01.043.

- [29] D. Li, J. Hou, and W. Gao, "Instrument reading recognition by deep learning of capsules network model for digitalization in industrial internet of things," *Engineering Reports*, vol. 4, no. 12, 2022, doi: 10.1002/eng2.12547.
- [30] D. P. Kingma and J. Ba, "Adam: A Method for Stochastic Optimization," Jan. 2017, [Online]. Available: <http://arxiv.org/abs/1412.6980>
- [31] S. Sanjaykumar, "Cricket performance predictions: a comparative analysis of machine learning models for predicting cricket player's performance in the one day international (odi) world cup 2023," *Health Sport Rehabilitation*, vol. 10, no. 1, pp. 6–19, 2024, doi: 10.58962/hsr.2024.10.1.6-19.
- [32] A. Hamid *et al.*, "Improvement of time forecasting models using machine learning for future pandemic applications based on covid-19 data 2020–2022," *Diagnostics*, vol. 13, no. 6, p. 1121, 2023, doi: 10.3390/diagnostics13061121.
- [33] J. Lin, R. Cromley, and C. Zhang, "Using geographically weighted regression to solve the areal interpolation problem," *Ann GIS*, vol. 17, no. 1, pp. 1–14, 2011, doi: 10.1080/19475683.2010.540258.
- [34] T. Chai and R. Draxler, "Root mean square error (rmse) or mean absolute error (mae)? – Arguments against avoiding rmse in the literature," *Geosci Model Dev*, vol. 7, no. 3, pp. 1247–1250, 2014, doi: 10.5194/gmd-7-1247-2014.