

DAFTAR PUSTAKA

- [1] A. Arfan and dan Lussiana ETP, “Prediksi Harga Saham Di Indonesia Menggunakan Algoritma Long Short-Term Memory,” *Universitas Gunadarma Jl. Margonda Raya No*, vol. 3, no. 1, 2019, [Online]. Available: <https://www.ofx.com>
- [2] S. J. Pipin, R. Purba, and H. Kurniawan, “Prediksi Saham Menggunakan Recurrent Neural Network (RNN-LSTM) dengan Optimasi Adaptive Moment Estimation,” *Journal of Computer System and Informatics (JoSYC)*, vol. 4, no. 4, pp. 806–815, Aug. 2023, doi: 10.47065/josyc.v4i4.4014.
- [3] E. Wahyudi, “10 Perusahaan Fortune Indonesia 100 dengan Jumlah Karyawan Terbanyak,” *Fortune Indonesia*. Accessed: Nov. 10, 2024. [Online]. Available: <https://www.fortuneidn.com/market/10-perusahaan-fortune-indonesia-100-dengan-jumlah-karyawan-terbanyak-00-my5jv-7lz3mh?page=all>
- [4] N. Faridah and B. Sugiantoro, “Analisis Optimasi Pada Algoritma Long ShortTerm Memory Untuk Memprediksi Harga Saham,” *JURNAL MEDIA INFORMATIKA BUDIDARMA*, vol. 7, no. 1, p. 575, Feb. 2023, doi: 10.30865/mib.v7i1.5421.
- [5] A. Firman, C. Wardhana, A. Hasiholan, H. A. Putra, Y. A. Pradana, and N. Yudistira, “Analisis Sentimen Pengguna Aplikasi Peduli Lindungi Menggunakan Algoritma LSTM,” *Jurnal Universitas Brawijaya*, 2022.
- [6] N. Putu, S. Wati, and C. Pramarta, “Penerapan Long Short Term Memory dalam Mengklasifikasi Jenis Ujaran Kebencian pada Tweet Bahasa Indonesia,” *JNATIA*, vol. 1, no. 1, 2022.
- [7] J. Nurvania and K. Muslim Lhaksamana, “Analisis Sentimen Pada Ulasan di TripAdvisor Menggunakan Metode Long Short-Term Memory (LSTM),” in *e-Proceeding of Engineering*, 2021, pp. 4124–4135.

- [8] O. Al-Baik *et al.*, “Pufferfish Optimization Algorithm: A New Bio-Inspired Metaheuristic Algorithm for Solving Optimization Problems,” *Biomimetics*, vol. 9, no. 2, Feb. 2024, doi: 10.3390/biomimetics9020065.
- [9] M. Iqbal, M. Zarlis, and H. Mawengkang, “Model Pendekatan Metaheuristik Dalam Penyelesaian optimisasi Kombinatorial,” in *Seminar Nasional Teknologi Komputer & Sains (SAINTEKS)*, Feb. 2020, pp. 92–97.
- [10] B. Santosa and P. Willy, *Metoda Metaheuristik*. Guna Widya, 2011.
- [11] A. Rosyd, A. Irma Purnamasari, and I. Ali, “Penerapan Metode Long Short Term Memory (LSTM) dalam Memprediksi Harga Saham PT Bank Central Asia,” *Jurnal Mahasiswa Teknik Informatika*, vol. 8, no. 1, pp. 501–506, 2024.
- [12] M. Han, A. Tan, and J. Zhong, “Application of Particle Swarm Optimization Combined with Long and Short-term Memory Networks for Short-term Load Forecasting,” in *Journal of Physics: Conference Series*, IOP Publishing Ltd, Feb. 2022. doi: 10.1088/1742-6596/2203/1/012047.
- [13] M. Baiocchi, G. Di Bari, A. Milani, and V. Poggioni, “Differential Evolution for Neural Networks Optimization,” *Mathematics*, vol. 8, no. 1, Jan. 2020, doi: 10.3390/math8010069.
- [14] A. Pranolo *et al.*, “Exploring LSTM-based Attention Mechanisms with PSO and Grid Search under Different Normalization Techniques for Energy demands Time Series Forecasting,” *Knowledge Engineering and Data Science*, vol. 7, no. 1, p. 1, Apr. 2024, doi: 10.17977/um018v7i12024p1-12.
- [15] R. N. Silalahi and M. Muljono, “Perbandingan Kinerja Metode Linear Regression, LSTM dan GRU Untuk Prediksi Harga Penutupan Saham Coca-Cola,” *Komputika : Jurnal Sistem Komputer*, vol. 13, no. 2, pp. 201–211, Oct. 2024, doi: 10.34010/komputika.v13i2.12265.
- [16] W. R. A. Adhem, “An Enhanced Particle Swarm Optimization Algorithm,” *International Journal of Electrical and Computer Engineering*, vol. 9, no. 6, pp. 4904–4907, Dec. 2019, doi: 10.11591/ijece.v9i6.pp4904-4907.

- [17] K. R. Harrison, A. P. Engelbrecht, and B. M. Ombuki-Berman, “Inertia Weight Control Strategies for Particle Swarm Optimization: Too Much Momentum, Not Enough Analysis,” *Swarm Intelligence*, vol. 10, no. 4, pp. 267–305, Oct. 2016, doi: 10.1007/s11721-016-0128-z.
- [18] M. A. Alim, “Pemodelan Time Series Data Saham LQ45 dengan Algoritma LSTM, RNN, dan Arima,” in *Prosiding Seminar Nasional Matematika*, 2023, pp. 694–701. [Online]. Available: <https://journal.unnes.ac.id/sju/index.php/prisma/>
- [19] G. Kumar, U. P. Singh, and S. Jain, “An Adaptive Particle Swarm Optimization-based Hybrid Long Short-Term Memory Mmodel for Stock Price Time Series Forecasting,” *Soft comput*, vol. 26, no. 22, pp. 12115–12135, Nov. 2022, doi: 10.1007/s00500-022-07451-8.
- [20] A. Fitri Syalsabilla, S. Astutik, and A. F. Rozy, “Optimasi Prediksi Harga IHSG Menggunakan Hybrid Weighted Fuzzy Time Series Hidden Markov Model dengan Algoritma Evolusi Differensial,” *Jurnal Teknologi Informasi dan Ilmu Komputer (JTIK)*, vol. 11, no. 4, pp. 837–844, 2024, doi: 10.25126-jtiik.1148867.
- [21] P. Aji Riyantoko, T. Maulana Fahrudin, K. Maulida Hindrayani, and E. Maya Safitri, “Analisis Prediksi Harga Saham Sektor Perbankan Menggunakan Algoritma Long-Short Terms Memory (LSTM),” in *Seminar Nasional Informatika*, Universitas Pembangunan Nasional Veteran Yogyakarta, 2020, pp. 427–435.
- [22] R. K. Ibadirachman, Y. H. Chrisnanto, and P. N. Sabrina, “Optimasi Parameter Dbscan Menggunakan Metode Differential Evolution Untuk Deteksi Anomali Pada Data Transaksi Bank,” *Jurnal Teknologi Terpadu*, vol. 10, no. 1, pp. 22–31, Jun. 2024.
- [23] Suratna and H. Widjanarko, *Investasi Saham*, 1st ed. Yogyakarta: lppm upn “Veteran” Yogyakarta, 2020.
- [24] Scroder’s editor, “Apa Itu Saham: Cara Beli, Jenis-Jenis Saham serta Risiko Investasi Saham,” Schrodgers. Accessed: Apr. 21, 2025. [Online]. Available:

<https://www.schroders.com/id-id/id/investasi-reksadana/resources/edukasi/kenalan-yuk-sama-saham/>

- [25] Y. Liu, *Python Machine Learning By Example: Implement Machine Learning Algorithms and Techniques to Build Intelligent Systems*. Packt Publishing Ltd., 2019. [Online]. Available: <https://www.ebsco.com/terms-of-use>.
- [26] N. Putu, V. D. Saraswati, N. Yudistira, and P. P. Adikara, “Analisis Sentimen terhadap Perundungan Siber pada Twitter menggunakan Algoritma Bidirectional Encoder Representations from Transformer (BERT),” 2023. [Online]. Available: <http://j-ptiik.ub.ac.id>
- [27] K. R. Bokka, S. Hora, T. Jain, and M. Wambugu, *Deep Learning for Natural Language Processing: Solve Your Natural Language Processing Problems with Smart Deep Neural Networks*. Birmingham: Packt Publishing Ltd., 2019. [Online]. Available: <https://www.ebsco.com/terms-of-use>.
- [28] Q. Kang, E. J. Chen, Z.-C. Li, H.-B. Luo, and Y. Liu, “Attention-based LSTM Predictive Model for the Attitude and Position of Shield Machine in Tunneling,” *Underground Space*, vol. 13, pp. 335–350, 2023, doi: <https://doi.org/10.1016/j.undsp.2023.05.006>.
- [29] F. Miedema and S. Bhulai, “Sentiment Analysis with Long Short-Term Memory Networks,” 2018. [Online]. Available: <https://api.semanticscholar.org/CorpusID:52832762>
- [30] A. Febiani, A. Mulyo Widodo, N. Anwar, B. A. Sekti, and A. Yulfitri, “Implementasi Algoritma ‘Particle Swarm Optimization’ (PSO) Penjadwalan Belajar Mengajar,” *IKRAITH-INFORMATIKA*, vol. 8, no. 1, p. 152, Mar. 2024, doi: [10.37817/ikraith-informatika.v8i1](https://doi.org/10.37817/ikraith-informatika.v8i1).
- [31] D. Arung-Laby and A. M. Miftahul Huda, “Algoritma Differential Evolution untuk Estimasi Parameter Sumber Anomali Self-Potential,” *Jurnal Riset Fisika Indonesia*, vol. 2, no. 2, pp. 2797–6513, 2022, [Online]. Available: <http://journal.ubb.ac.id/index.php/jrfi/3095Halaman|8>

- [32] J. Krauss, *Optimizing Hyperparameters for Machine Learning Algorithms in Production*. Aachen: Apprimus Wissenschaftsverlag, 2022. [Online]. Available: <https://www.ebsco.com/terms-of-use>.
- [33] U. Guest, “Bagaimana Cara Membaca Grafik Saham,” Stockbit. Accessed: Apr. 21, 2025. [Online]. Available: [https://snips.stockbit.com/investasi/bagaimana-cara-membaca-grafik-saham#:~:text=Bar%20chart%20akan%20berwarna%20hijau,dan%20hitam%20\(harga%20turun\)](https://snips.stockbit.com/investasi/bagaimana-cara-membaca-grafik-saham#:~:text=Bar%20chart%20akan%20berwarna%20hijau,dan%20hitam%20(harga%20turun)).
- [34] A. Pambudi, “Dataset Saham Bursa Efek,” Kaggle. Accessed: Apr. 21, 2025. [Online]. Available: <https://www.kaggle.com/datasets/agungpambudi/dataset-saham-bursa-efek>
- [35] A. Khumaidi and I. A. Nirmala, *Algoritma Long Short Term Memory dengan Hyperparameter Tuning: Prediksi Penjualan Produk*, 1st ed. deepublish, 2022.