

DAFTAR PUSTAKA

- Adinugroho R. PERBANDINGAN RASIO SPLIT DATA TRAINING DAN DATA TESTING MENGGUNAKAN METODE LSTM DALAM MEMPREDIKSI HARGA INDEKS SAHAM ASIA. [diakses 2025 Mar 6]. <https://repository.uinjkt.ac.id/dspace/handle/123456789/67314>.
- Adventy A. 2023 Agu 23. Koreksi Harga Batu Bara Jadi Biang Kerok Laba Adaro Energy (ADRO) Tergeru. *Bisnis.com.*, siap terbit. [diakses 2025 Apr 14]. <https://market.bisnis.com/read/20230823/192/1687395/koreksi-harga-batu-bara-jadi-biang-kerok-laba-adaro-energy-adro-tergerus>.
- Adventy A. 2024 Jul 18. Punya Harga Baru, Dian Swastatika (DSSA) Justru Masuk PPK FCA. *Bisnis.com.*, siap terbit. [diakses 2025 Apr 14]. <https://market.bisnis.com/read/20240718/192/1783289/punya-harga-baru-dian-swastatika-dssa-justru-masuk-ppk-fca>.
- Agusta A, Ernawati I, Muliawati A. 2021. Prediksi Pergerakan Harga Saham Pada Sektor Farmasi Menggunakan Algoritma Long Short-Term Memory. *Informatik : Jurnal Ilmu Komputer*. 17(2):164. <https://doi.org/10.52958/iftk.v17i2.3651>.
- Akbar R, Santoso R, Warsito B. 2023. PREDIKSI TINGKAT TEMPERATUR KOTA SEMARANG MENGGUNAKAN METODE LONG SHORT-TERM MEMORY (LSTM). *Jurnal Gaussian*. 11(4):572–579. <https://doi.org/10.14710/j.gauss.11.4.572-579>.
- Alkahfi C, Kurnia A, Saefuddin A. 2024a. Perbandingan Kinerja Model Berbasis RNN pada Peramalan Data Ekonomi dan Keuangan Indonesia. *MALCOM: Indonesian Journal of Machine Learning and Computer Science*. 4(4):1235–1243. <https://doi.org/10.57152/malcom.v4i4.1415>.
- Alkahfi C, Kurnia A, Saefuddin A. 2024b. Perbandingan Kinerja Model Berbasis RNN pada Peramalan Data Ekonomi dan Keuangan Indonesia. *MALCOM: Indonesian Journal of Machine Learning and Computer Science*. 4(4):1235–1243. <https://doi.org/10.57152/malcom.v4i4.1415>.
- Anastassiou GA. 2023. *Banach Space Valued Neural Network*. Volume ke-1062. Cham: Springer International Publishing.
- Azhar Y, Firdausy AK, Amelia PJ. 2022. Perbandingan Algoritma Klasifikasi Data Mining Untuk Prediksi Penyakit Stroke. *SINTECH (Science and Information Technology) Journal*. 5(2):191–197. <https://doi.org/10.31598/sintechjournal.v5i2.1222>.
- Brockwell PJ, Davis RA. 2016. *Introduction to Time Series and Forecasting*. Cham: Springer International Publishing.
- Brownlee J. 2017. *Introduction to Time Series Forecasting with Python*. Machine Learning Mastery.

- Budi DA. 2021. Perancangan Sistem Login pada Aplikasi Berbasis GUI Menggunakan QtDesigner Python. *Jurnal SIMADA (Sistem Informasi dan Manajemen Basis Data)*. 4(2):92–100. <https://doi.org/10.30873/simada.v4i2.2961>.
- Chen J, Jing H, Chang Y, Liu Q. 2019. Gated recurrent unit based recurrent neural network for remaining useful life prediction of nonlinear deterioration process. *Reliab Eng Syst Saf*. 185:372–382. <https://doi.org/10.1016/j.res.2019.01.006>.
- Firdaus F. 2023 Mar 3. Penyebab Adaro (ADRO) Raih Laba Rp43,2 Triliun pada 2022, Melesat 175 Persen. *Bisnis.com*, siap terbit. [diakses 2025 Apr 13]. <https://market.bisnis.com/read/20230303/192/1633700/penyebab-adaro-adro-raih-laba-rp432-triliun-pada-2022-melesat-175-persen>.
- Ghadimpour M, Ebrahimi S babak. 2022. Forecasting Financial Time Series Using Deep Learning Networks: Evidence from Long-Short Term Memory and Gated Recurrent Unit. *Iranian Journal of Finance*. 6(4):81–94. <https://doi.org/10.30699/ijf.2022.313164.1286>.
- Goodfellow I, Bengio Y, Courville A. 2016. *Deep Learning*. MIT Press.
- Gu Y, Shibukawa T, Kondo Y, Nagao S, Kamijo S. 2020. Prediction of Stock Performance Using Deep Neural Networks. *Applied Sciences*. 10(22):8142. <https://doi.org/10.3390/app10228142>.
- Gunarso P, Dewi A, Figarofah D. 2024. Analisis Pengaruh Nilai Tukar, Tingkat Suku Bunga Dan Harga Emas Terhadap Indeks Harga Saham Gabungan. *Jurnal Akuntansi Manajemen Madani*. 10(2):14–30.
- Gunarto H. 2023 Agu 23. Saham Adaro (ADRO) Melesat 13,69%, Ternyata Gara-gara Ini. *investortrust.id*, siap terbit. [diakses 2025 Apr 15]. <https://investortrust.id/market/6222/saham-adaro-adro-melesat-13-69-ternyata-gara-gara-ini>.
- Hastomo W, Karno ASB, Kalbuana N, Nisfiani E, ETP L. 2021. Optimasi Deep Learning untuk Prediksi Saham di Masa Pandemi Covid-19. *Jurnal Edukasi dan Penelitian Informatika (JEPIN)*. 7(2):133. <https://doi.org/10.26418/jp.v7i2.47411>.
- Hua P. 2024. *Neural Networks with TensorFlow and Keras*. Berkeley, CA: Apress.
- Ji X, Wang J, Yan Z. 2021. A stock price prediction method based on deep learning technology. *International Journal of Crowd Science*. 5(1):55–72. <https://doi.org/10.1108/IJCS-05-2020-0012>.
- Julian R, Pribadi MR. 2021. Peramalan Harga Saham Pertambangan Pada Bursa Efek Indonesia (BEI) Menggunakan Long Short Term Memory (LSTM). *JATISI (Jurnal Teknik Informatika dan Sistem Informasi)*. 8(3):1570–1580. <https://doi.org/10.35957/jatisi.v8i3.1159>.

- Khoirom MS, Sonia M, Laikhuram B, Laishram J, Singh D. 2020. Comparative Analysis of Python and Java for Beginners. *International Research Journal of Engineering and Technology*. 7(8):4384–4407. www.irjet.net.
- Lawi A, Mesra H, Amir S. 2022. Implementation of Long Short-Term Memory and Gated Recurrent Units on grouped time-series data to predict stock prices accurately. *J Big Data*. 9(1):89. <https://doi.org/10.1186/s40537-022-00597-0>.
- Li S, Adelmann A. 2023. Time series forecasting methods and their applications to particle accelerators. *Physical Review Accelerators and Beams*. 26(2):024801. <https://doi.org/10.1103/PhysRevAccelBeams.26.024801>.
- Lim B, Zohren S. 2021. Time-series forecasting with deep learning: a survey. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*. 379(2194):20200209. <https://doi.org/10.1098/rsta.2020.0209>.
- Lima FT, Souza VMA. 2023. A Large Comparison of Normalization Methods on Time Series. *Big Data Research*. 34:100407. <https://doi.org/10.1016/j.bdr.2023.100407>.
- Lubis A, Darta A. 2022. ANALISIS SENTIMEN TERHADAP ISU ISLAMOPHOBIA MENGGUNAKAN ALGORITMA SVM. [diakses 2024 Okt 25]. <http://repository.uinsu.ac.id/17620/1/Laporan%20Akhir%20Penelitian%20Prodi-Aidil%20Halim%20Lubis.pdf>.
- Mauliza AYI, Canggih C. 2023. MINAT BERINVESTASI PADA SAHAM SYARIAH: PENGARUH PENGETAHUAN INVESTASI, SISTEM ONLINE TRADING SYARIAH, DAN MOTIVASI. *ECONBANK: Journal of Economics and Banking*. 5(1):36–50. <https://doi.org/10.35829/econbank.v5i1.284>.
- Mengga GS. 2023. Pengaruh Return on Asset, Return on Equity, dan Earning Per Share terhadap Harga Saham pada Perusahaan Tekstil dan Garmen yang Terdaftar di BEI. *Journal on Education*. 5(4):12659–12673. <https://doi.org/10.31004/joe.v5i4.2254>.
- Meri Aryati NW, Wiguna IKAG, Putri NWS, Widiartha IKK, Ginantra NLWSR. 2024a. Komparasi Metode LSTM dan GRU dalam Memprediksi Harga Saham. *JURNAL MEDIA INFORMATIKA BUDIDARMA*. 8(2):1131. <https://doi.org/10.30865/mib.v8i2.7342>.
- Meri Aryati NW, Wiguna IKAG, Putri NWS, Widiartha IKK, Ginantra NLWSR. 2024b. Komparasi Metode LSTM dan GRU dalam Memprediksi Harga Saham. *JURNAL MEDIA INFORMATIKA BUDIDARMA*. 8(2):1131. <https://doi.org/10.30865/mib.v8i2.7342>.
- Pandaya P, Julianti PD, Suprpta I. 2020. PENGARUH FAKTOR FUNDAMENTAL TERHADAP RETURN SAHAM. *JURNAL AKUNTANSI*. 9(2):233–243. <https://doi.org/10.37932/ja.v9i2.156>.

- Pinastawa IWR, Pradana MG, Setiawan DS, Izzety A. 2025. Comparison of ARIMA and GRU Methods in Predicting Cryptocurrency Price Movements. *sinkron*. 9(1):96–105. <https://doi.org/10.33395/sinkron.v9i1.14235>.
- Pramesthi AA, Hutajulu DL, Putri NZ, Kartiasih F. 2024. Analisis Pengaruh Harga Minyak Mentah dan Nilai Tukar terhadap Indeks Harga Saham Gabungan (IHSG) di Indonesia. *Jurnal Ekonomi Bisnis, Manajemen dan Akuntansi (JEBMA)*. 4(1):257–269. <https://doi.org/10.47709/jebma.v4i1.3451>.
- Prayogi K, Gata W, Kussanti DP. 2024. Prediksi Harga Saham Bank Central Asia Menggunakan Algoritma Deep Learning GRU. *Jutisi : Jurnal Ilmiah Teknik Informatika dan Sistem Informasi*. 13(1):647. <https://doi.org/10.35889/jutisi.v13i1.1910>.
- Purnama MW, Haryudo SI, Aribowo W, Kartini UT. 2021. PERAMALAN KEBUTUHAN ENERGI LISTRIK JANGKA PANJANG SEKTOR RUMAH TANGGA UID JAWA TIMUR MENGGUNAKAN METODE ANALYSIS TIME SERIES : PROYEKSI TREN QUADRATIC DAN REGRESI LINEAR BERBASIS SOFTWARE MINITAB V19. *JURNAL TEKNIK ELEKTRO*. 10(2):485–495. <https://doi.org/10.26740/jte.v10n2.p485-495>.
- Puteri DI. 2023. Implementasi Long Short Term Memory (LSTM) dan Bidirectional Long Short Term Memory (BiLSTM) Dalam Prediksi Harga Saham Syariah. *Euler : Jurnal Ilmiah Matematika, Sains dan Teknologi*. 11(1):35–43. <https://doi.org/10.34312/euler.v11i1.19791>.
- Ramadhani P. 2024 Jul 17. Harga Saham Tembus 290 Ribu, Dian Swastatika Sentosa Beri Penjelasan. *liputan6.com*., siap terbit. [diakses 2025 Mar 6]. <https://www.liputan6.com/saham/read/5645777/harga-saham-tembus-290-ribu-dian-swastatika-sentosa-beri-penjelasan>.
- Ritonga E. 2023 Jun 6. 11 Perusahaan Batu Bara Terbesar. *Tempo*., siap terbit. [diakses 2025 Mei 24]. <https://www.tempo.co/arsip/11-perusahaan-batu-bara-terbesar-823179>.
- Saitoh K. 2021. *Deep learning from the basics: Python and deep learning: Theory and implementation*. James A, Neale B, Patel Salma, editor. Packt Publishing Ltd.
- Samsudin S, Harahap AM, Fitrie S. 2021. IMPLEMENTASI GATED RECURRENT UNIT (GRU) UNTUK PREDIKSI HARGA SAHAM BANK KONVENSIONAL DI INDONESIA. *JISTech (Journal of Islamic Science and Technology)*. 6(2). <https://doi.org/10.30829/jistech.v6i2.11058>.
- Shiri FM, Perumal T, Mustapha N, Mohamed R. 2024. A Comprehensive Overview and Comparative Analysis on Deep Learning Models. *Journal on Artificial Intelligence*. 6(1):301–360. <https://doi.org/10.32604/jai.2024.054314>.
- Sofi K, Sunge AS, Riady SR, Kamalia AZ. 2021. PERBANDINGAN ALGORITMA LINEAR REGRESSION, LSTM, DAN GRU DALAM MEMPREDIKSI HARGA

- SAHAM DENGAN MODEL TIME SERIES. *SEMINASTIKA*. 3(1):39–46.
<https://doi.org/10.47002/seminastika.v3i1.275>.
- Suci AT. 2022. ANALISIS PERBANDINGAN KINERJA MODEL ARIMA, LSTM DAN GRU PADA STOCK PRICE FORECASTING SKRIPSI Oleh PROGRAM STUDI TEKNIK INFORMATIKA. UNIVERSITAS ISLAM NEGERI SYARIF HIDAYATULLAH JAKARTA. [diakses 2024 Sep 27].
<https://repository.uinjkt.ac.id/dspace/handle/123456789/68556>.
- Sukartaatmadja I, Khim S, Lestari MN. 2023. Faktor-faktor Yang Mempengaruhi Harga Saham Perusahaan. *Jurnal Ilmiah Manajemen Kesatuan*. 11(1):21–40.
<https://doi.org/10.37641/jimkes.v11i1.1627>.
- Suratna, Widjanarko H, Wibawa T. 2020. INVESTASI SAHAM. [diakses 2024 Sep 4].
<http://eprints.upnyk.ac.id/id/eprint/27577>.
- Susanti R, Adji AR. 2020. ANALISIS PERAMALAN IHSG DENGAN TIME SERIES MODELING ARIMA. *Jurnal Manajemen Kewirausahaan*. 17(1):97.
<https://doi.org/10.33370/jmk.v17i1.393>.
- Tambunan D. 2020. Investasi Saham di Masa Pandemi COVID-19. *Widya Cipta: Jurnal Sekretari dan Manajemen*. 4(2):117–123.
<https://doi.org/10.31294/widyacipta.v4i2.8564>.
- Tania AP, Lubis A. 2024. PENGARUH BANK INDONESIA RATES DAN FEDERAL FUNDS RATES TERHADAP INDEKS HARGA SAHAM GABUNGAN DI BURSA EFEK INDONESIA (STUDI KASUS PADA PERIODE 2018-2021). *Jurnal Akuntansi dan Keuangan Entitas*. 4(1):9–19. [diakses 2024 Okt 4].
<https://ejournal-jayabaya.id/Entitas>.
- Wahyuzi Z. 2024. Analisis dan Prediksi Konsumsi Listrik Smart Office Berbasis IoT Terhadap Faktor Internal dan Eksternal Menggunakan Deep Learning. Universitas Islam Indonesia. [diakses 2024 Okt 12].
<https://dspace.uui.ac.id/handle/123456789/dspace.uui.ac.id/123456789/50562>.
- Yavasani R, Wang H. 2023. Comparative Analysis of LSTM, GRU, and ARIMA Models for Stock Market Price Prediction. *Journal of Student Research*. 12(4).
<https://doi.org/10.47611/jsrhs.v12i4.5888>.