DAFTAR PUSTAKA

[1] Kementerian Pertanian, *Analisis Kinerja Perdagangan Cabai Merah*. Pusat Data dan Sistem Informasi Pertanian Kementerian Pertanian, 2021. [Online].

[2] Z. Arifin, "Kontribusi Usahatani Pembibitan Cabai Rawit Terhadap Pendapatan Rumah Tangga Kelompok Tani Perdi Di Desa Dilem Kecamatan Kepanjen Kabupaten Malang," *J. Pertan. Cemara*, vol. 18, no. 1, pp. 25–41, 2021, doi: 10.24929/fp.v18i1.1160.

[3] N. R. Timisela, Y. E. Salampessy, and Y. M. T. N. Apituley, "Analisis Pembentukan Harga Komoditas Cabai Rawit dan Bawang Merah Pada Tingkat Eceran di Kota Ambon," *J. Budid. Pertan.*, vol. 16, no. 1, pp. 31–41, 2020, doi: 10.30598/jbdp.2020.16.1.31.

[4] Badan Pusat Statistik, "Rata-Rata Konsumsi per Kapita Seminggu Beberapa Macam Bahan Makanan Penting, 2007-2023," *Badan Pusat Statistik*, 2024.

[5] D. Septiadi, N. M. W. Sari, and A. Zainuddin, "Analisis Permintaan Konsumsi Cabai Rawit pada Rumah Tangga di Kota Mataram," *Agrimor*, vol. 5, no. 2, pp. 36–39, 2020, doi: 10.32938/ag.v5i2.1013.

[6] F. Hilmiyah and A. Supriono, "Keterpaduan Pasar dan Transmisi Harga Cabai Rawit di Indonesia: Pendekatan Vector Error Correction Model," *JSEP (Journal Soc. Agric. Econ.*, vol. 15, no. 2, p. 209, 2022, doi: 10.19184/jsep.v15i2.24690.

[7] BPS, "Produksi Tanaman Sayuran," *Badan Pusat Statistik*. https://www.bps.go.id/indicator/55/61/1/produksi-tanaman-sayuran.html

[8] I. Ardiansah, I. F. Adiarsa, S. H. Putri, and T. Pujianto, "Penerapan Analisis Runtun Waktu pada Peramalan Penjualan Produk Organik menggunakan Metode Moving Average dan Exponential Smoothing," *J. Tek. Pertan. Lampung (Journal Agric. Eng.*, vol. 10, no. 4, p. 548, 2021, doi: 10.23960/jtep-l.v10i4.548-559.

[9] A. D. Milniadi and N. O. Adiwijaya, "Analisis Perbandingan Model ARIMA dan LSTM dalam Peramalan Harga Penutupan Saham (Studi Kasus: 6 Kriteria Kategori Saham Menurut Peter Lynch)," *SIBATIK J. J. Ilm. Bid. Sos.*

Ekon. Budaya, Teknol. dan Pendidik., vol. 2, no. 6, pp. 1683–1692, 2023, doi: 10.54443/sibatik.v2i6.798.

[10] Syaharuddin, Q. S. Akmala, and L. Sucipto, "Metode ARIMA, ARIMAX, dan SARIMA: Sebuah meta-analisis perbedaan tingkat akurasi peramalan data time series," *J. Inform. Kaputama*, vol. 6, no. 3, pp. 502–509, 2022.

[11] J. E. Putra, H. Perwitasari, and J. Jamhari, "Forecasting the Price of Cayenne Pepper in the Surabaya City," *Bul. Penelit. Sos. Ekon. Pertan. Fak. Pertan. Univ. Haluoleo*, vol. 23, no. 1, p. 27, 2021, doi: 10.37149/bpsosek.v23i1.16762.

[12] M. A. Muzakki, M. A. Sabila, S. Sundari, and B. Wisnuadhi, "Analisis Algoritma Prophet untuk Memprediksi Harga Pangan di Kota Bandung," *Pros. Ind. Res. Work. Natl. Semin.*, vol. 12, pp. 659–664, 2021.

[13] S. J. Taylor and B. Letham, "Forecasting at Scale," *Am. Stat.*, vol. 72, no. 1, pp. 37–45, 2018, doi: 10.1080/00031305.2017.1380080.

[14] A. N. Putri and A. K. Wardhani, "Penerapan Metode Single Moving Average Untuk Peramalan Harga Cabai Rawit Hijau," *Indones. J. Technol. Informatics Sci.*, vol. 2, no. 1, pp. 37–40, 2020, doi: 10.24176/ijtis.v2i1.5653.

[15] D. I. Budiarti, G. Kholijah, S. Yurinanda, and B. Mardhotillah, "Prediksi Harga Cabai Rawit Hijau di Kota Jambi Menggunakan Rantai Markov," vol. 2, no. 1, 2023.

[16] Y. J. Siregar, R. Hartono, and A. E. Hardana, "Peramalan Harga Cabai Rawit Di Kota Malang Dengan Metode Holt-Winters Exponential Smoothing," *Agricore J. Agribisnis dan Sos. Ekon. Pertan. Unpad*, vol. 6, no. 2, pp. 99–110, 2022, doi: 10.24198/agricore.v6i2.34778.

[17] M. H. Fadloli and R. A. Djamali, "Forecasting Commodity Price of Cayenne Pepper (Capsicum Frutescens L .) in Jember with Holt-Winters Exponential Smoothing Method to Get Financial Benefit," pp. 1555–1567, 2022.

[18] P. Diansari, D. Rukmana, and Wahyudi, "Examining the Economic Impact of Cayenne Pepper in Traditional Markets of Makassar City: A Price Analysis Study," *Agriecobis J. Agric. Socioecon. Bus.*, vol. 6, no. 01, pp. 34–41, 2023, doi: 10.22219/agriecobis.v6i01.24139.

[19] S. Suseno and Suryo Wibowo, “Penerapan Metode ARIMA dan SARIMA Pada Peramalan Penjualan Telur Ayam Pada PT Agromix Lestari Group,” *J. Teknol. dan Manaj. Ind. Terap.*, vol. 2, no. I, pp. 33–40, 2023, doi: 10.55826/tmit.v2ii.85.

[20] Wahyu ngestisari, “Perbandingan Metode ARIMA dan Jaringan Syaraf Tiruan untuk Peramalan Harga Beras,” *Indones. J. Data Sci.*, vol. 1, no. 3, pp. 96–107, 2020, doi: 10.33096/ijodas.v1i3.18.

[21] Y. A. Auliya, Y. Nurdiansyah, and A. P. Astuti, “Peramalan Jumlah Pengunjung Objek Wisata Gumul Paradise Island Kabupaten Kediri Menggunakan Metode Prophet,” *INFORMAL Informatics J.*, vol. 8, no. 1, p. 37, 2023, doi: 10.19184/isj.v8i1.35605.

[22] F. B. Prakoso, G. Darmawan, and A. Bachrudin, “Penerapan Metode Facebook Prophet Untuk Meramalkan Jumlah Penumpang Trans Metro Bandung Koridor 1,” *ARMADA J. Penelit. Multidisiplin*, vol. 1, no. 3, pp. 133–147, 2023, doi: 10.55681/armada.v1i3.416.

[23] A. Setiyono and A. Nurrahman, “Prediksi Harga Minyak Mentah Menggunakan Prophet,” *J. Energy Electr. Eng.*, vol. 104, no. 2, pp. 104–108, 2023.

[24] B. Jange, “Prediksi Harga Saham Bank BCA Menggunakan Prophet,” *J. Trends Econ. Account. Res.*, vol. 2, no. 1, pp. 1–5, 2021, [Online].

[25] A. H. Primandari, A. K. Thalib, and A. Kesumawati, “Analysis of Changes in Atmospheric CO2 Emissions Using Prophet Facebook,” *Enthusiastic Int. J. Appl. Stat. Data Sci.*, vol. 2, no. 1, pp. 1–9, 2022, doi: 10.20885/enthusiastic.vol2.iss1.art1.

[26] C. B. Aditya Satrio, W. Darmawan, B. U. Nadia, and N. Hanafiah, “Time series analysis and forecasting of coronavirus disease in Indonesia using ARIMA model and PROPHET,” *Procedia Comput. Sci.*, vol. 179, no. 2020, pp. 524–532, 2021, doi: 10.1016/j.procs.2021.01.036.

[27] C. Chandra and S. Budi, “Analisis Komparatif ARIMA dan Prophet dengan Studi Kasus Dataset Pendaftaran Mahasiswa Baru,” *J. Tek. Inform. dan Sist. Inf.*, vol. 6, no. 2, pp. 278–287, 2020, doi: 10.28932/jutisi.v6i2.2676.

[28] C. K. Kouassi *et al.*, “Profiles of bioactive compounds of some pepper fruit (capsicum l.) varieties grown in côte d’ivoire,” *Innov. Rom. Food Biotechnol.*, vol. 11, no. 9, pp. 23–31, 2012.

[29] R. Sinaga, D. I. Hardila, and S. Rahayu, “Physiological Response of Three Varieties of Cayenne Pepper (Capsicum Frutescens) To Decreased Water Availability,” *Int. J. Ecophysiol.*, vol. 2, no. 02, pp. 129–136, 2020, doi: 10.32734/ijoep.v2i02.4684.

[30] K. Mantja *et al.*, “Growth and production of cayenne pepper (Capsicum frutescens L.) on various concentrations of bio-fertilizer and NPK fertilizer,” *IOP Conf. Ser. Earth Environ. Sci.*, vol. 575, no. 1, 2020, doi: 10.1088/1755-1315/575/1/012109.

[31] M. R. Ramadhan, Tursina, and H. Novriando, “Implementasi Fuzzy Time Series pada Prediksi Jumlah Penjualan Rumah,” *J. Sist. dan Teknol. Inf.*, vol. 8, no. 4, p. 418, 2020, doi: 10.26418/justin.v8i4.40186.

[32] E. H. O. Rahmah and M. I. Irawan, “Penerapan Fuzzy Time Series Dalam Peramalan Nilai KWH Listrik Golongan Tarif Rumah Tangga di Jawa Timur,” *J. Sains dan Seni ITS*, vol. 8, no. 1, 2019, doi: 10.12962/j23373520.v8i1.42109.

[33] E. Ghaderpour, S. D. Pagiatakis, and Q. K. Hassan, “A survey on change detection and time series analysis with applications,” *Appl. Sci.*, vol. 11, no. 13, 2021, doi: 10.3390/app11136141.

[34] Softscients, “Belajar R – Metode Peramalan Deret Waktu – Forecasting Time Series,” *softscients.com*, 2022.

[35] A. H. Nasution and Y. Prasetyawan, *Perencanaan & Pengendalian Produksi,*. Graha Ilmu, 2008.

[36] J. Heizer, B. Ren, and C. Munson, *Operations management: sustainability and supply chain management*. Pearson Education, 2014.

[37] I. Solikin and S. Hardini, “Aplikasi Forecasting Stok Barang Menggunakan Metode Weighted Moving Average (WMA) pada Metrojaya Komputer,” *J. Inform. J. Pengemb. IT*, vol. 4, no. 2, pp. 100–105, 2019, doi: 10.30591/jpit.v4i2.1373.

[38] A. Kumila, B. Sholihah, E. Evizia, N. Safitri, and S. Fitri, “Perbandingan Metode Moving Average dan Metode Naïve Dalam Peramalan Data Kemiskinan,” *JTAM | J. Teor. dan Apl. Mat.*, vol. 3, no. 1, p. 65, 2019, doi: 10.31764/jtam.v3i1.764.

[39] M. Fitriana, D. Sudarwardi, and Nurlaela, “Penerapan Metode Single Moving Average Dan Exsponential Smoothing Pada Usaha Asrie Modesta,” *Cakrawala Manag. Bus. J.*, vol. 3, no. 1, p. 547, 2020, doi: 10.30862/cm-bj.v3i1.58.

[40] R. E. Putra and A. S. Sinaga, “Perkiraan Harga Beras Premium DKI Jakarta Menggunakan Regresi Linier,” *J. Inf. Eng. Educ. Technol.*, vol. 6, no. 2, pp. 80–85, 2022, doi: 10.26740/jieet.v6n2.p80-85.

[41] H. Alabdulrazzaq, M. N. Alenezi, Y. Rawajfih, B. A. Alghannam, A. A. Al-Hassan, and F. S. Al-Anzi, “On the accuracy of ARIMA based prediction of COVID-19 spread,” *Results Phys.*, vol. 27, p. 104509, 2021, doi: 10.1016/j.rinp.2021.104509.

[42] S. I. N. Suwandi, Raras Tyasnurita, and Hanifan Muhayat, “Peramalan Emisi Karbon Menggunakan Metode SARIMA dan LSTM,” *J. Comput. Sci. Informatics Eng.*, vol. 6, no. 1, pp. 73–80, 2022, doi: 10.29303/jcosine.v6i1.436.

[43] R. S. Pontoh, S. Zahroh, H. R. Nurahman, R. I. Aprillion, A. Ramdani, and D. I. Akma, “Applied of feed-forward neural network and facebook prophet model for train passengers forecasting,” *J. Phys. Conf. Ser.*, vol. 1776, no. 1, 2021, doi: 10.1088/1742-6596/1776/1/012057.

[44] A. Yadav, C. K. Jha, and A. Sharan, “Optimizing LSTM for time series prediction in Indian stock market,” *Procedia Comput. Sci.*, vol. 167, no. 2019, pp. 2091–2100, 2020, doi: 10.1016/j.procs.2020.03.257.

[45] A. A. Adebiyi, A. O. Adewumi, and C. K. Ayo, “Stock price prediction using the ARIMA model,” *Proc. - UKSim-AMSS 16th Int. Conf. Comput. Model. Simulation, UKSim 2014*, no. March, pp. 106–112, 2014, doi: 10.1109/UKSim.2014.67.

[46] T. N. Filder, M. M. Muraya, and R. M. Mutwiri, “Application of Seasonal

Autoregressive Moving Average Models to Analysis and Forecasting of Time Series Monthly Rainfall Patterns in Embu County, Kenya," *Asian J. Probab. Stat.*, no. August, pp. 1–15, 2019, doi: 10.9734/ajpas/2019/v4i430123.

[47] S. Deviana, Nusyirwan, D. Azis, and P. Ferdias, "Analisis model Autoregressive Integrated Moving Average data deret waktu dengan metode momen sebagai estimasi parameter," *J. Siger Mat.*, vol. 2, no. 2, pp. 57–67, 2021, [Online].

[48] F. E. Mokorimban, N. Nainggolan, and Y. A. R. Langi, "Penerapan Metode Autoregressive Integrated Moving Average (ARIMA) dalam Model Intervensi Fungsi Step terhadap Indeks Harga Konsumen di Kota Manado," *d'Cartesian J. Mat. dan Apl.*, vol. 10, no. 2, pp. 91–99, 2021.

[49] T. Yunita, "Peramalan Jumlah Penggunaan Kuota Internet Menggunakan Metode Autoregressive Integrated Moving Average (ARIMA)," *J. Math. Theory Appl.*, vol. 1, no. 2, pp. 16–22, 2020, doi: 10.31605/jomta.v2i1.777.

[50] S. R. A. Arifai and Lukman Junaedi, "Prediksi Permintaan Barang Bedasarkan Penjualan Menggunakan Metode Arima Box-Jenkins (Studi Kasus : Pt. Beststamp Indonesia)," *J. E-Bis*, vol. 4, no. 2, pp. 138–146, 2020, doi: 10.37339/e-bis.v4i2.227.

[51] M. Pranata, D. Anggraini, D. Makbuloh, and A. Rinaldi, "Prediksi Pencurian Sepeda Motor Menggunakan Model Time Series (Studi Kasus: Polres Kotabumi Lampung Utara)," *BAREKENG J. Ilmu Mat. dan Terap.*, vol. 14, no. 3, pp. 425–434, 2020, doi: 10.30598/barekengvol14iss3pp425-434.

[52] L. Zhao, Z. Li, and L. Qu, "Forecasting of Beijing PM2.5 with a hybrid ARIMA model based on integrated AIC and improved GS fixed-order methods and seasonal decomposition," *Heliyon*, vol. 8, no. 12, p. e12239, 2022, doi: 10.1016/j.heliyon.2022.e12239.

[53] A. Garlapati, D. R. Krishna, K. Garlapati, N. M. Srikara Yaswanth, U. Rahul, and G. Narayanan, "Stock Price Prediction Using Facebook Prophet and Arima Models," *2021 6th Int. Conf. Converg. Technol. I2CT 2021*, pp. 1–7, 2021, doi: 10.1109/I2CT51068.2021.9418057.

[54] P. Sunagar, R. Hanumantharaju, S. G.M., A. Kanavalli, and K. G. Srinivasa, “Chapter 2 - Influence of big data in smart tourism,” 2020, [Online].

[55] A. Subashini, S. K, S. Saranya, and U. Harsha, “Forecasting Website Traffic Using Prophet Time Series Model,” *Int. Res. J. Multidiscip. Technovation*, no. January, pp. 56–63, 2019, doi: 10.34256/irjmt1917.

[56] J. S. Widjaya, D. A. R., and S. R. P. Sari, “Sistem Prediksi Jumlah Pasien Covid-19 Menggunakan Metode Trend Least Square Berbasis Web,” *Sistemasi*, vol. 10, no. 1, p. 39, 2021, doi: 10.32520/stmsi.v10i1.1036.

[57] N. N. S. Wahyuni, I. M. Candiasa, and M. Juniantari, “Prediksi Angka Partisipasi Sekolah Menurut Kelompok Umur Di Provinsi Bali Menggunakan Single Moving Average,” *Maju*, vol. 7, no. 2, pp. 100–109, 2020.

[58] M. E.-K. Kesuma and R. Iskandar, “Analisis Toko dan Asal Toko Fashion Pria di Shopee Menggunakan Data Scrapping dan Exploratory Data Analysis,” *Maj. Ilm. Teknol. Elektro*, vol. 21, no. 1, p. 127, 2022, doi: 10.24843/mite.2022.v21i01.p17.

[59] S. K. Mukhiya and U. Ahmed, *Hands-On Exploratory Data Analysis with Python: Perform EDA techniques to understand, summarize, and investigate your data*. Packt Publishing, 2020. [Online].

[60] R. J. Hyndman and G. Athanasopoulos, *Forecasting: Principles and Practice*. Melbourne, Australia: OTexts, 2018. [Online].