

DAFTAR PUSTAKA

- Alfian Falahudin, M., Panduardi, F. dan Hakim, L. (2024) “Analisis user acceptance testing terhadap OLT network management system di PT. Semesta Multitekno Indonesia,” *Jurnal Tecnoscienza*, 8(2), hlm. 307–316. Tersedia pada: <https://doi.org/10.51158/tecnoscienza.v8i2.1180>.
- Box, G.E.P. dkk. (2015) *Time Series Analysis Forecasting and Control*.
- Braun, V. dan Clarke, V. (2006) “Using thematic analysis in psychology,” *Qualitative Research in Psychology*, 3(2), hlm. 77–101. Tersedia pada: <https://doi.org/10.1191/1478088706qp063oa>.
- Braun, V. dan Clarke, V. (2019) “Reflecting on reflexive thematic analysis,” *Qualitative Research in Sport, Exercise and Health*, 11(4), hlm. 589–597. Tersedia pada: <https://doi.org/10.1080/2159676X.2019.1628806>.
- Brooke, J. (1996) *Usability Evaluation In Industry, Usability evaluation in industry*. Disunting oleh P.W. Jordan dkk. CRC Press. Tersedia pada: <https://doi.org/10.1201/9781498710411>.
- Chai, T. dan Draxler, R.R. (2014) “Root mean square error (RMSE) or mean absolute error (MAE)? -Arguments against avoiding RMSE in the literature,” *Geoscientific Model Development*, 7(3), hlm. 1247–1250. Tersedia pada: <https://doi.org/10.5194/gmd-7-1247-2014>.
- Chen, T. dan Guestrin, C. (2016) “XGBoost: A scalable tree boosting system,” *Proceedings of the 22nd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*. New York, NY, USA: ACM, hlm. 785–794. Tersedia pada: <https://doi.org/10.1145/2939672.2939785>.
- Dalimunthe, S.B., Ginting, R. dan Sinulingga, S. (2023) “Implementation of machine learning in demand forecasting: A review of method used in demand forecasting with machine learning,” *Jurnal Sistem Teknik Industri*, 25(1), hlm. 41–49. Tersedia pada: <https://doi.org/10.32734/jsti.v25i1.9290>.

- Dalkin, S. dkk. (2021) “Using computer assisted qualitative data analysis software (CAQDAS; NVivo) to assist in the complex process of realist theory generation, refinement and testing,” *International Journal of Social Research Methodology*, 24(1), hlm. 123–134. Tersedia pada: <https://doi.org/10.1080/13645579.2020.1803528>.
- Dickey, D.A. dan Fuller, W.A. (1979) “Distribution of the estimators for autoregressive time series with a unit root,” *Journal of the American Statistical Association*, 74(366a), hlm. 427–431. Tersedia pada: <https://doi.org/10.1080/01621459.1979.10482531>.
- Elgendy, N. dan Elragal, A. (2021) “DECAS: a modern data-driven decision theory for big data and analytics,” *Journal of Decision Systems*, 31(2), hlm. 1–27. Tersedia pada: <https://doi.org/10.1080/12460125.2021.1880076>.
- Elragal, A. dan Elgendy, N. (2024) “A data-driven decision-making readiness assessment model: The case of a Swedish food manufacturer,” *Decision Analytics Journal*, 10, hlm. 100405.
- Giannopoulos, P.G. dkk. (2025) “Machine learning algorithms in intermittent demand forecasting: a review,” *International Journal of Production Research*, 7543. Tersedia pada: <https://doi.org/10.1080/00207543.2025.2578701>.
- Gledson, B.J. dkk. (2024) “Reporting on the development of a web-based prototype dashboard for construction design managers, achieved through design science research methodology (DSRM).”
- Google (2025) *Looker documentation | Google cloud documentation*. Tersedia pada: <https://docs.cloud.google.com/looker/docs> (Diakses: 10 Juni 2026).
- Gujarati, D.N. dan Porter, D.C. (2009) *Basic Econometrics*. McGraw-Hill Irwin (Economics series). Tersedia pada: <https://books.google.co.id/books?id=6l1CPgAACAAJ>.

- Haryanti, T. dkk. (2022) “The Design Science Research Methodology (DSRM) for Self-Assessing Digital Transformation Maturity Index in Indonesia,” *IEEE Conference Proceedings*.
- Hevner, A.R. dkk. (2004) “Design science in information systems Research,” *MIS Quarterly*, 28(1), hlm. 75–106. Tersedia pada: <https://doi.org/10.2307/25148625>.
- Holt, C.C. (2004) “Forecasting seasonals and trends by exponentially weighted moving averages,” *International Journal of Forecasting*, 20(1), hlm. 5–10. Tersedia pada: <https://doi.org/10.1016/j.ijforecast.2003.09.015>.
- Hyndman, R.J. dan Athanasopoulos, G. (2021) *Forecasting: Principles and Practice (3rd ed)*. Tersedia pada: <https://otexts.com/fpp3/> (Diakses: 11 Juni 2026).
- Hyndman, R.J. dan Koehler, A.B. (2006) “Another look at measures of forecast accuracy,” *International Journal of Forecasting*, 22(4), hlm. 679–688. Tersedia pada: <https://doi.org/10.1016/j.ijforecast.2006.03.001>.
- Hyndman, R.J. dan Konstenko, A. V. (2007) *Minimum sample size requirements for seasonal forecasting models*.
- Kaspi, S. dan Venkatraman, S. (2023) “Data-driven decision-making (DDDM) for higher education assessments: A case study,” *Systems*, 11(6), hlm. 306. Tersedia pada: <https://doi.org/10.3390/systems11060306>.
- Kiger, M.E. dan Varpio, L. (2020) “Thematic analysis of qualitative data: AMEE Guide No. 131,” *Medical Teacher*, 42(8), hlm. 846–854. Tersedia pada: <https://doi.org/10.1080/0142159X.2020.1755030>.
- KNIME (2025) *Software overview* | KNIME. Tersedia pada: <https://www.knime.com/software-overview> (Diakses: 10 Juni 2026).
- Kristianto, B.A., Sari, N.N.K. dan Widiatry (2025) “Penerapan business forecasting dengan metode ARIMA (Autoregressive integrated moving average) dalam meramalkan penjualan produk di cafe the garrison,” *JOINTECOMS (Journal*

- of *Information Technology and Computer Science*), 5. Tersedia pada: <https://doi.org/10.47111/jointecom.v5i1>.
- Kwiatkowski, D. *dkk.* (1992) “Testing the null hypothesis of stationarity against the alternative of a unit root,” *Journal of Econometrics*, 54(1–3), hlm. 159–178. Tersedia pada: [https://doi.org/10.1016/0304-4076\(92\)90104-Y](https://doi.org/10.1016/0304-4076(92)90104-Y).
- Leung, H.K.N. dan Wong, P.W.L. (1997) “A study of user acceptance tests,” *Software Quality Journal*, 6(2), hlm. 137–149. Tersedia pada: <https://doi.org/10.1023/A:1018503800709>.
- Lewis, C.D. (1982) *Industrial and Business Forecasting Methods: A Practical Guide to Exponential Smoothing and Curve Fitting*. Butterworth Scientific (Butterworth scientific). Tersedia pada: <https://books.google.co.id/books?id=t8W4AAAAIAAJ>.
- Lewis Senior HF Engineer, J.R. dan Sauro, J. (2017) “Revisiting the factor structure of the system usability scale,” *Journal of Usability Studies*, 12(4), hlm. 183–192.
- Lim, E.-P., Chen, H. dan Chen, G. (2013) “Business intelligence and analytics,” *ACM Transactions on Management Information Systems*, 3(4), hlm. 1–10. Tersedia pada: <https://doi.org/10.1145/2407740.2407741>.
- Luhn, H.P. (1958) “A Business intelligence system.”
- Makridakis, S., Wheelwright, S.C. dan Hyndman, R.J. (2008) *Forecasting Methods and Applications, 3RD ED*. Wiley India Pvt. Limited. Tersedia pada: <https://books.google.co.id/books?id=nxt0CgAAQBAJ>.
- Maulana, H. dan Mulyantika, U. (2020) “The prediction of export product prices with holt’s double exponential smoothing method,” *2020 3rd International Conference on Computer and Informatics Engineering (IC2IE)*. IEEE, hlm. 372–375. Tersedia pada: <https://doi.org/10.1109/IC2IE50715.2020.9274679>.
- Moriasi, D.N. *dkk.* (2007) “Model evaluation guidelines for systematic quantification of accuracy in watershed simulations,” *Transactions of the ASABE*, 50(3), hlm. 885–900.

- Neri, G. dkk. (2025) "Data visualization in AI-assisted decision-making: a systematic review," *Frontiers in Communication* [Preprint]. Tersedia pada: <https://doi.org/10.3389/fcomm.2025.1605655>.
- Ni'mah, N.R. dkk. (2024) "Business intelligence system design based on performance monitoring dashboard using online analytical processing (OLAP) Method," *Jurnal Ilmiah Teknik Industri*, 6869, hlm. 191–204. Tersedia pada: <https://doi.org/10.23917/jiti.v23i02.6016>.
- Nopianti, P.D. dkk. (2023) "Dashboard Monitoring Pemesanan Produk Percetakan dengan Pendekatan Key Performance Indikator," *KLIK: Kajian Ilmiah Informatika dan Komputer*, 4(1), hlm. 497–505. Tersedia pada: <https://doi.org/10.30865/klik.v4i1.1155>.
- Nugroho, A.W. dan Utama, A.A.G.S. (2025) "Business intelligence systems and their impact on organizational decision-making and performance outcome," *owner*, 9(2). Tersedia pada: <https://doi.org/10.33395/owner.v9i2.2646>.
- Nurrahma, A.R. dan Ariyanto, R. (2025) "Prediksi jumlah pendaftar program studi di perguruan tinggi dengan metode ARIMA: Studi kasus jalur SBMPTN dan mandiri," *Journal of Information System Management (JOISM)*, 7(1), hlm. 1–6. Tersedia pada: <https://doi.org/10.24076/joism.2025v7i1.2128>.
- Oktaviani, F. dan Nita Rosa Damayanti (2024) "Analisis data peserta didik sekolah menengah atas (SMA) menggunakan visualiasasi Google looker studio," *JSai (Journal Scientific and Applied Informatics)*, 7(3), hlm. 495–501. Tersedia pada: <https://doi.org/10.36085/jsai.v7i3.7084>.
- Peffer, K. dkk. (2007) "A design science research methodology for information systems research," *Journal of Management Information Systems*, 24(3), hlm. 45–77. Tersedia pada: <https://doi.org/10.2753/MIS0742-1222240302>.
- Prayitno, B. dkk. (2024) "Penerapan Algoritma Single Exponential Smoothing Untuk Peramalan Stok Barang Pada Sistem Informasi Berbasis Web," *PETIR: Jurnal Pengkajian dan Penerapan Teknik Informatika*, 17(1), hlm. 133–142.

- Provost, F. dan Fawcett, T. (2013) “Data science and its relationship to big data and data-driven decision making,” *Big Data*, 1(1), hlm. 51–59. Tersedia pada: <https://doi.org/10.1089/big.2013.1508>.
- Putra, A.D., Setiawan, N.Y. dan Wicaksono, S.A. (2025) “Pengembangan Business intelligence dashboard untuk monitoring key performance indicator perusahaan Di Wwmusik Malang,” *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 9(2), hlm. 2548–964. Tersedia pada: <http://j-ptiik.ub.ac.id>.
- Ramya, J. dkk. (2024) “AI and machine learning in predictive analytics: Revolutionizing business Strategies through Big Data Insights,” *Library Progress International*, 44(3), hlm. 14192–14201. Tersedia pada: www.bpasjournals.com.
- Ryan, J. dan Wijaya, H. (2024) “Implementasi data mining untuk sales forecasting berbasis website dengan metode ARIMA,” *bit-Tech*, 7(1), hlm. 19–27. Tersedia pada: <https://doi.org/10.32877/bt.v7i1.1332>.
- Sari, D.D., Purba, M. dan Umilizah, N. (2024) “Implementasi user acceptance testing (UAT) pada rancang bangun sistem informasi penerimaan peserta didik baru (PPDB),” *JCOSIS (Journal Computer Science and Information Syetem*, 1, hlm. 37–42. Tersedia pada: <https://jurnal.imsi.or.id/index.php/jcosis/article/view/209/159>.
- Savitri, N.K.W. dkk. (2025) “Design of real-time project monitoring dashboard using kimball’s data warehouse approach and google data studio,” *sinkron*, 9(3), hlm. 1050–1061. Tersedia pada: <https://doi.org/10.33395/sinkron.v9i3.14801>.
- Shmueli, G. dan Koppius, O.R. (2014) “Predictive analytics in information system research,” 35(3), hlm. 1–7.
- Sumit Kumar Singh (2025) “Predictive analytics: transforming historical data into strategic future insights,” *World Journal of Advanced Engineering Technology and Sciences*, 15(3), hlm. 1774–1781. Tersedia pada: <https://doi.org/10.30574/wjaets.2025.15.3.1119>.

- Susanto, J. dan Thantawi, A.M. (2024) "Implementasi Business Performance Dashboard Untuk Memonitoring Booking Pembiayaan Pada Pt. Internusa Tribuana Citra Multi Finance Jakarta," *IKRA-ITH Informatika : Jurnal Komputer dan Informatika*, 8(2), hlm. 200–208. Tersedia pada: <https://doi.org/10.37817/ikraith-informatika.v8i2.3041>.
- Tanjung, M., Rahayu, S. dan Santoso, B. (2024) "Data-Driven Decisions: Leveraging Analytics for Strategic Marketing Performance in SMEs," *Journal of Small Business Strategy*, 34(1), hlm. 56–72.
- Taylor, S.J. dan Letham, B. (2018) "Forecasting at scale," *The American Statistician*, 72(1), hlm. 37–45. Tersedia pada: <https://doi.org/10.1080/00031305.2017.1380080>.
- Vlachogianni, P. dan Tselios, N. (2022) "Perceived usability evaluation of educational technology using the system usability scale (SUS): A systematic review," *Journal of Research on Technology in Education*, 54(3), hlm. 392–409. Tersedia pada: <https://doi.org/10.1080/15391523.2020.1867938>.
- Waller, M.A. dkk. (2013) "Data science, predictive analytics, and big data: A revolution that will transform supply chain design and management," *Journal of Business Logistics*, 34(2), hlm. 77–93.
- Wong, L. dan Li Ping, W. (2008) *Data analysis in qualitative research: A brief guide to using NVIVO, Malaysian Family Physician*. Tersedia pada: <http://www.ejournal.afpm.org.my/>.
- Yakub, H. dkk. (2024) "Sistem Informasi E-Commerce berbasis website dengan metode pengujian user acceptance testing," *JSITIK: Jurnal Sistem Informasi dan Teknologi Informasi Komputer*, 2(2), hlm. 113–127. Tersedia pada: <https://doi.org/10.53624/jsitik.v2i2.362>.