

DAFTAR PUSTAKA

- Aditya, A., Wahyuddin, P., Leo, S., Santoso, W., Wahyu, G., Wibowo, N., Khrisna, A., Rahmaddeni, W., Wahidin, A. J., Eka, G., Elisawati, Y., Rizqi, R., & Abdurrasyid, W. (2023). *MACHINE LEARNING*. www.globaleksekutifteknologi.co.id
- Ahaggach, H., Abrouk, L., & Lebon, E. (2024). Systematic Mapping Study of Sales Forecasting: Methods, Trends, and Future Directions. *Forecasting*, 6(3), 502–532. <https://doi.org/10.3390/forecast6030028>
- Ahmad, F. (2020). PENENTUAN METODE PERAMALAN PADA PRODUKSI PART NEW GRANADA BOWL ST Di PT.X. *JISI: Jurnal Integrasi Sistem Industri*, 7(1), 31–39. <https://doi.org/10.24853/jisi.7.1.31-39>
- Alqhatani, A., Ashraf, M. S., Ferzund, J., Shaf, A., Abosaq, H. A., Rahman, S., Irfan, M., & Alqhtani, S. M. (2022). 360° Retail Business Analytics by Adopting Hybrid Machine Learning and a Business Intelligence Approach. *Sustainability (Switzerland)*, 14(19). <https://doi.org/10.3390/su141911942>
- Amelio, A., & Tagarelli, A. (2018). Data mining: Clustering. In *Encyclopedia of Bioinformatics and Computational Biology: ABC of Bioinformatics* (Vols. 1–3, pp. 437–448). Elsevier. <https://doi.org/10.1016/B978-0-12-809633-8.20489-5>
- Andriansyah, D. (2022). *Implementasi Extract-Transform-Load (ETL) Data Warehouse Laporan Harian Pool*. *Jurnal Teknik Informatika STMIK Antar Bangsa*, (8)2, 45-29. ISSN 2442-2444.
- Anis, Y., Mukti, A. B., & Rosyid, A. N. (2023). KLIK: Kajian Ilmiah Informatika dan Komputer Penerapan Model Waterfall Dalam Pengembangan Sistem Informasi Aset Destinasi Wisata Berbasis Website. *Media Online*, 4(2), 1134–1142. <https://doi.org/10.30865/klik.v4i2.1287>

- Aranzamendez, S. G., Bolito, J. C., Rafe, A. C., Guialil, J., Cortez, D. M., & Dioses, R. (2024). An Enhanced Content-based Filtering Using Maximal Marginal Relevance. *International Journal of Computing Sciences Research*, 8, 3070–3087. <https://doi.org/10.25147/ijcsr.2017.001.1.204>
- Atmojo, W. T., Ocktavia, S., & Ayunda, A. T. (2024). IMPLEMENTASI NINE STEP METHODOLOGY DALAM PERANCANGAN DATA WAREHOUSE. *Jurnal Teknologi Informasi Dan Komunikasi (TIKomSiN)*, 12(1), 18. <https://doi.org/10.30646/tikomsin.v12i1.822>
- Bates, S., Hastie, T., & Tibshirani, R. (2022). *Cross-validation: what does it estimate and how well does it do it?* <https://doi.org/10.1080/01621459.2023.2197686>
- Belghith Ep Kallel, M., Bouajaja, S., & Elloumi, A. (2024). Developing a Sales Dashboard with Power BI – A Case Study in a Pharmaceutical Company. *Decision Making Advances*, 2(1), 142–147. <https://doi.org/10.31181/dma21202438>
- Chakraborty, P., Witt, T., Harris, D., Ashton, J., Stokes, J. R., & Smyth, H. E. (2019). Texture and mouthfeel perceptions of a model beverage system containing soluble and insoluble oat bran fibres. *Food Research International*, 120, 62–72. <https://doi.org/10.1016/j.foodres.2019.01.070>
- Chen, Y., Li, C., & Wang, H. (2022). Big Data and Predictive Analytics for Business Intelligence: A Bibliographic Study (2000–2021). In *Forecasting* (Vol. 4, Issue 4, pp. 767–786). MDPI. <https://doi.org/10.3390/forecast4040042>
- Christyawati, F., Rohman, A. N., & Hartanto, A. D. (2024). Application of Content-Based Filtering Method Using Cosine Similarity in Restaurant Selection Recommendation System. *Journal of Information Systems and Informatics*, 6(3), 1559–1576. <https://doi.org/10.51519/journalisi.v6i3.806>

- Debnath, K. B., & Mourshed, M. (2018). Forecasting methods in energy planning models. In *Renewable and Sustainable Energy Reviews* (Vol. 88, pp. 297–325). Elsevier Ltd. <https://doi.org/10.1016/j.rser.2018.02.002>
- fauzi, A., Nisa, B., Napitupulu, D., Abdillah, F., Gde Satia Utama, A. A., Zonyfar, C., Nuraini, R., Silvi Purnia, D., Setyawati, I., Evi, T., Dian Handy Permana, S., & Susila Sumartiningsih, M. (2022). *Metodologi Penelitian*.
- Fayyaz, Z., Ebrahimian, M., Nawara, D., Ibrahim, A., & Kashef, R. (2020). Recommendation systems: Algorithms, challenges, metrics, and business opportunities. *Applied Sciences (Switzerland)*, 10(21), 1–20. <https://doi.org/10.3390/app10217748>
- Félix, C., Soares, C., Jorge, A., & Vinagre, J. (2014). *Monitoring Recommender Systems: a Business Intelligence Approach*. <http://www.palcoprincipal.com>
- García, J., Del Mar López-Martín, M., García, C., & Salmerón, R. (2020). *A geometrical interpretation of collinearity: a natural way to justify ridge regression and its anomalies*.
- Giuffrè, M., & Shung, D. L. (2023). Harnessing the power of synthetic data in healthcare: innovation, application, and privacy. *Npj Digital Medicine*, 6(1). <https://doi.org/10.1038/s41746-023-00927-3>
- Gonçalves, C. T., Gonçalves, M. J. A., & Campante, M. I. (2023). Developing Integrated Performance Dashboards Visualisations Using Power BI as a Platform. *Information (Switzerland)*, 14(11). <https://doi.org/10.3390/info14110614>
- Gujarati, D. N. . (2003). *Basic Econometrics*. McGraw Hill.
- Gurcan, F., Ayaz, A., Menekse Dalveren, G. G., & Derawi, M. (2023). Business Intelligence Strategies, Best Practices, and Latest Trends: Analysis of Scientometric Data from 2003 to 2023 Using Machine Learning. *Sustainability (Switzerland)*, 15(13). <https://doi.org/10.3390/su15139854>

- Han, J., Kamber, M., & Pei, J. (2011). *Data Mining Concepts and Techniques*.
- Hasanah, U., Adawiyah, D. R., & Nurtama, D. B. (2014). *Preferensi dan Ambang Deteksi Rasa Manis dan Pahit: Pendekatan Multikultural dan Gender*
Preferences and Detection Threshold of Sweetness and Bitterness: Multicultural and Gender Approach 1.
- Hastie, T., Tibshirani, R., & Friedman, J. (2008). *The Elements of Statistical Learning Data Mining, Inference, and Prediction*.
- Hidayat, R., Satriansyah, A., & Nurhayati, M. S. (2022). Penggunaan Metode Waterfall untuk Rancangan Bangun Aplikasi Penyewaan Lapangan Olahraga. *BIOS : Jurnal Teknologi Informasi Dan Rekayasa Komputer*, 3(1), 9–16. <https://doi.org/10.37148/bios.v3i1.35>
- Hjelle, S., Mikalef, P., Altwaijry, N., & Parida, V. (2024). Organizational decision making and analytics: An experimental study on dashboard visualizations. *Information and Management*, 61(6). <https://doi.org/10.1016/j.im.2024.104011>
- Holima Sindi, D., & Farisi, A. (2024). 888X PENERAPAN METODE WATERFALL PADA RANCANG BANGUN SISTEM INFORMASI KEPEGAWAIAN DI PERUSAHAAN KONTRAKTOR. In *Jurnal Rekayasa Sistem Informasi dan Teknologi* (Vol. 1, Issue 4).
- Huang, J., Tu, P.-M., Liu, Z., Song, W., & Li, L. (2024). *Applying K-Means Clustering for User Profiling in Retail: A Department Store Case Study* (pp. 1718–1725). https://doi.org/10.2991/978-94-6463-256-9_175
- Hyndman, R. J. ., & Athanasopoulos, George. (2014). *Forecasting : principles and practice*. OTexts.
- Indartini, M., & Mutmainah. (2024). *Analisis Data Kuantitatif*.
- James, G., Witten, D., Hastie, T., Tibshirani, R., & Taylor, J. (2023). *An Introduction to Statistical Learning*.

- Jawale, S., Nehete, S., Patil, H., Pathak, S., Sapale, P., & Zite, S. (2024). COSINE SIMILARITY: A KEY DRIVER FOR ENHANCED RECOMMENDATION SYSTEMS. *Www.Irjmets.Com @International Research Journal of Modernization in Engineering*. www.irjmets.com
- Jean Cross Sihombing, D. (2022). Academic Data Warehouse Modeling in Higher Education Using Nine-Step Design Methodology. *Journal of Information Systems and Informatics*, 4(4). <http://journal-isi.org/index.php/isi>
- Jiménez-Partearroyo, M., & Medina-López, A. (2024). Leveraging Business Intelligence Systems for Enhanced Corporate Competitiveness: Strategy and Evolution. *Systems*, 12(3). <https://doi.org/10.3390/systems12030094>
- Khan, B., Khan, W., Jan, S., & Chughtai, M. I. (2024). An Overview of ETL Techniques, Tools, Processes and Evaluations in Data Warehousing. *Journal on Big Data*, 6(1), 1–20. <https://doi.org/10.32604/jbd.2023.046223>
- Kose, M. A., & Ozkaya, M. (2020). Towards Extending UML's Activity Diagram for the Architectural Modeling, Analysis, and Implementation. *Proceedings of the 2020 Federated Conference on Computer Science and Information Systems, FedCSIS 2020*, 639–648. <https://doi.org/10.15439/2020F199>
- Lei, J. (2017). *Cross-Validation with Confidence*. <http://arxiv.org/abs/1703.07904>
- Mana, S. C., & Sasipraba, T. (2021). Research on cosine similarity and pearson correlation based recommendation models. *Journal of Physics: Conference Series*, 1770(1). <https://doi.org/10.1088/1742-6596/1770/1/012014>
- Manjula, R., & Chilambuchelvan, A. (2016). Item Data Recommended Products User Item User Rating Data model Similarity calculation Generate Recommendation. In *International Journal of Innovations in Engineering and Technology (IJIET)* (Vol. 150).
- Manning, C. D., Raghavan, P., & Schütze, H. (2009). *An Introduction to Information Retrieval*.

- Miranda, & Sriani. (2025). Implementation of K-Means Clustering in Grouping Sales Data at Zura Mart. In *Journal of Applied Informatics and Computing (JAIC)* (Vol. 9, Issue 2). <http://jurnal.polibatam.ac.id/index.php/JAIC>
- Nambiar, A., & Mundra, D. (2022). An Overview of Data Warehouse and Data Lake in Modern Enterprise Data Management. In *Big Data and Cognitive Computing* (Vol. 6, Issue 4). MDPI. <https://doi.org/10.3390/bdcc6040132>
- Noneng Marthiawati, Kevin Kurniawansyah, Hafiz Nugraha, & Fiqa Khairunnisa. (2024). Pelatihan Pembuatan UML (Unified Modelling Language) Menggunakan Aplikasi Draw.io Pada Prodi Sistem Informasi Universitas Muhammadiyah Jambi. *Transformasi Masyarakat : Jurnal Inovasi Sosial Dan Pengabdian*, 1(2), 25–33. <https://doi.org/10.62383/transformasi.v1i2.109>
- Nordin, A. F. (2018). *End to End Machine Learning Workflow Using Automation Tools*.
- Nurmuthia, L. D., Imtiyaz, R., & Maretta Sagala, N. T. (2025). Personalized Perfume Recommendations Based on User Descriptions Using Cosine and Jaccard Similarity. *Procedia Computer Science*, 269, 1097–1106. <https://doi.org/10.1016/j.procs.2025.09.051>
- Oyadila, S., Abdullah, D., & Razi, A. (2025). IMPLEMENTASI CONTENT-BASED FILTERING DENGAN TF-IDF DAN COSINE SIMILARITY UNTUK SISTEM REKOMENDASI DESTINASI WISATA DI ACEH TENGAH. *Rabit : Jurnal Teknologi Dan Sistem Informasi Univrab*, 10(2), 1329–1339. <https://doi.org/10.36341/rabit.v10i2.6532>
- Ozkaya, M., & Erata, F. (2020). A survey on the practical use of UML for different software architecture viewpoints. *Information and Software Technology*, 121. <https://doi.org/10.1016/j.infsof.2020.106275>
- Patel, J. M. (2023). Deep Learning: Concepts, Architectures, Workflow, Applications and Future Directions. *International Journal For*

- Pezoulas, V. C., Zaridis, D. I., Mylona, E., Androutsos, C., Apostolidis, K., Tachos, N. S., & Fotiadis, D. I. (2024). Synthetic data generation methods in healthcare: A review on open-source tools and methods. In *Computational and Structural Biotechnology Journal* (Vol. 23, pp. 2892–2910). Elsevier B.V. <https://doi.org/10.1016/j.csbj.2024.07.005>
- Pietsch, A. (2017). Decaffeination-Process and Quality. In *The Craft and Science of Coffee* (pp. 225–143). Elsevier Inc. <https://doi.org/10.1016/B978-0-12-803520-7.00010-4>
- Purnamasari, M., & Saptadinata, A. (2023). *PREFERENSI KONSUMEN TERHADAP PRODUK MINUMAN KOPI DI LIM KOPI TANGERANG*.
- Quemy, A. (2019). *Two-stage Optimization for Machine Learning Workflow*. <http://arxiv.org/abs/1907.00678>
- Rafferty, Greg. (2023). *Forecasting time series data with Prophet: build, improve, and optimize time series forecasting models using Meta's advanced forecasting tool*. Packt Publishing Ltd.
- Raisinghani, M. S. (2025). *Foundations of Information Systems*. <https://openstax.org/details/books/foundations-information-systems>
- Rana, P., Jain, N., & Mittal, U. (2020). *Recommender System with Machine Learning and Artificial Intelligence: Practical Tools and Applications in Medical, Agricultural and Other Industries*.
- Ricci, F., Rokach, L., Shapira, B., & Kantor, P. B. (2011). Recommender Systems Handbook. In *Recommender Systems Handbook*. Springer US. <https://doi.org/10.1007/978-0-387-85820-3>

- Ristenpart, W. D., Cotter, A. R., & Guinard, J. X. (2022). Impact of beverage temperature on consumer preferences for black coffee. *Scientific Reports*, 12(1). <https://doi.org/10.1038/s41598-022-23904-4>
- Rodriguez, M. Z., Comin, C. H., Casanova, D., Bruno, O. M., Amancio, D. R., Costa, L. da F., & Rodrigues, F. A. (2019). Clustering algorithms: A comparative approach. *PLoS ONE*, 14(1). <https://doi.org/10.1371/journal.pone.0210236>
- Roy, D., & Dutta, M. (2022). A systematic review and research perspective on recommender systems. *Journal of Big Data*, 9(1). <https://doi.org/10.1186/s40537-022-00592-5>
- Saat, N. I. Y., Noah, S. A. M., & Mohd, M. (2018). Towards serendipity for content-based recommender systems. *International Journal on Advanced Science, Engineering and Information Technology*, 8(4-2), 1762–1769. <https://doi.org/10.18517/ijaseit.8.4-2.6807>
- Salunke, S. V., & Ouda, A. (2024). A Performance Benchmark for the PostgreSQL and MySQL Databases. In *Future Internet* (Vol. 16, Issue 10). Multidisciplinary Digital Publishing Institute (MDPI). <https://doi.org/10.3390/fi16100382>
- Samant, S. S., Wilkes, K., Odek, Z., & Seo, H. S. (2016). Tea-induced calmness: Sugar-sweetened tea calms consumers exposed to acute stressor. *Scientific Reports*, 6. <https://doi.org/10.1038/srep36537>
- Samoggia, A., & Riedel, B. (2019a). Consumers' perceptions of coffee health benefits and motives for coffee consumption and purchasing. *Nutrients*, 11(3). <https://doi.org/10.3390/nu11030653>
- Samoggia, A., & Riedel, B. (2019b). Consumers' perceptions of coffee health benefits and motives for coffee consumption and purchasing. *Nutrients*, 11(3). <https://doi.org/10.3390/nu11030653>

- Saravanos, A., & Curinga, M. X. (2023). Simulating the Software Development Lifecycle: The Waterfall Model. *Applied System Innovation*, 6(6). <https://doi.org/10.3390/asi6060108>
- Sarikaya, A., Correll, M., Bartram, L., Tory, M., & Fisher, D. (2019). What do we talk about when we talk about dashboards? *IEEE Transactions on Visualization and Computer Graphics*, 25(1), 682–692. <https://doi.org/10.1109/TVCG.2018.2864903>
- Sarka, D., Rihar, J., & Vončina, K. (2023). *Advanced Analytics with Power BI and Excel Learn powerful visualization and data analysis techniques using Microsoft BI tools along with Python and R*. www.orangeava.com
- Schneider, P., & Xhafa, F. (2022). *Anomaly Detection and Complex Event Processing Over IoT Data Streams With Application to eHealth and Patient Data Monitoring*.
- Schreiber, D., Henry, G., & Jackson, M. (2018). *Ridge Regression and Multicollinearity: An In-Depth Review*.
- Sedrakyan, G., Mannens, E., & Verbert, K. (2019). Guiding the choice of learning dashboard visualizations: Linking dashboard design and data visualization concepts. *Journal of Visual Languages and Computing*, 50, 19–38. <https://doi.org/10.1016/j.jvlc.2018.11.002>
- Shen, L., Shen, E., Tai, Z., Xu, Y., Dong, J., & Wang, J. (2022). Visual Data Analysis with Task-Based Recommendations. *Data Science and Engineering*, 7(4), 354–369. <https://doi.org/10.1007/s41019-022-00195-3>
- Shewa, R. (2025). *Degree Project in Technology Sales Forecasting in the Retail Sector: Evaluating Geographic Context and Calendar Effects in Convenience stores Using Prophet and Google Places API* LAASYASREE DESU.

- Shmueli, Galit., & Lichtendahl, K. C. . (2018). *Practical time series forecasting with R : a hands-on guide*. Axelrod Schnall Publishers.
- Siewe, F., & Ngounou, G. M. (2025). On the Execution and Runtime Verification of UML Activity Diagrams. *Software*, 4(1), 4. <https://doi.org/10.3390/software4010004>
- Singh, K., Mishra, M., & Singh, Er. S. (2024). Content-based Recommender System Using Cosine Similarity. *International Journal for Research in Applied Science and Engineering Technology*, 12(5), 2541–2548. <https://doi.org/10.22214/ijraset.2024.61835>
- Singh, P. (2020). Deploy Machine Learning Models to Production: With Flask, Streamlit, Docker, and Kubernetes on Google Cloud Platform. In *Deploy Machine Learning Models to Production: With Flask, Streamlit, Docker, and Kubernetes on Google Cloud Platform*. Springer. <https://doi.org/10.1007/978-1-4842-6546-8>
- Sumirat, L. P., Cahyono, D., Kristyawan, Y., & Kacung, S. (2023). *DASAR-DASAR Rekayasa Perangkat Lunak*. www.madzamedia.co.id
- Taylor, S. J., & Letham, B. (2017). *Forecasting at scale*. <https://doi.org/10.7287/peerj.preprints.3190v2>
- Thompson, E. (2020). *Python for Data Science*.
- Tockey, S. (2019). *How to Engineer Software: A Model-Based Approach*. <http://www.loc.gov/pictures/resource/>
- Wikamulia, N., & Isa, S. M. (2023). Predictive business intelligence dashboard for food and beverage business. *Bulletin of Electrical Engineering and Informatics*, 12(5), 3016–3026. <https://doi.org/10.11591/eei.v12i5.5162>
- Wilbert, H. J., Hoppe, A. F., Sartori, A., Stefenon, S. F., & Silva, L. A. (2023). Recency, Frequency, Monetary Value, Clustering, and Internal and External

Indices for Customer Segmentation from Retail Data. *Algorithms*, 16(9).
<https://doi.org/10.3390/a16090396>

Xu, D., & Tian, Y. (2015). A Comprehensive Survey of Clustering Algorithms. *Annals of Data Science*, 2(2), 165–193. <https://doi.org/10.1007/s40745-015-0040-1>

Yu, C.-H., Gao, F., & Wen, Q.-Y. (2019). *An improved quantum algorithm for ridge regression*. <https://doi.org/10.1109/TKDE.2019.2937491>

