

DAFTAR PUSTAKA

- [1] S. J. Nisrina, R. Masviansyah, A. W. Adiwana, and I. R. Kusumasari, "The Role of Information Systems in Improving the Efficiency of Business Decision Making," vol. 2, no. 2, pp. 1–10, 2025.
- [2] Y. Onifade, J. C. Ogeawuchi, and A. A. Abayomi, "Scaling AI-Driven Sales Analytics for Predicting Consumer Behavior and Enhancing Data-Driven Business Decisions," vol. 4, no. 6, pp. 2181–2201, 2024.
- [3] M. Sutarsa and Primadani Firmansyah, "Analisis Faktor-Faktor yang Mempengaruhi Penjualan terhadap Perolehan Laba di PT Hino Finance Indonesia pada Tahun 2023," *J. Akutansi Manaj. Ekon. Kewirausahaan*, vol. 5, no. 2, pp. 416–425, 2025, doi: 10.47065/jamek.v5i2.1966.
- [4] A. Z. dan D. Yusri, "Penjualan Menurut Para Ahli," *J. Ilmu Pendidik.*, vol. 7, no. 2, pp. 6–10, 2020.
- [5] U. Widiastuti and A. Munawar, "Tinjauan Atas Penjualan dan Pendapatan Sales PT Rohto Laboratories Indonesia Pada Supermarket Yogya Cimanggu Cabang Bogor," vol. 2, no. 2, pp. 229–238, 2022, doi: 10.37641/jabkes.v2i2.1494.
- [6] M. S. Kavitha, C. Nandhakumar, S. Chenniyangiri, G. G. Wilson, and P. M. Prasanth, "Machine Learning Enabled E-Commerce Analytics," pp. 1–4, 2023, doi: 10.55041/ISJEM00214.
- [7] K. Tabianan and S. Velu, "K-Means Clustering Approach for Intelligent Customer Segmentation Using Customer Purchase Behavior Data," pp. 1–15, 2022.
- [8] J. T. Elektro, "K-means clustering method for customer segmentation based on potential purchases," vol. 8, no. 1, pp. 83–90, 2024.
- [9] D. A. Awaliyah, Budi Prasetyo, R. Muzayanah, and A. D. Lestari, "Optimizing Customer Segmentation in Online Retail Transactions through the Implementation of the K-Means Clustering Algorithm," *Sci. J. Informatics*, vol. 11, no. 2, pp. 539–548, 2024, doi: 10.15294/sji.v11i2.6137.
- [10] H. D. Tampubolon, M. Safii, and D. Suhendro, "Penerapan Algoritma K-Means dan K - Medoids Clustering untuk Mengelompokkan Tindak Kriminalitas Berdasarkan Provinsi," vol. 2, no. 2, pp. 6–12, 2021.
- [11] O. N. Akande, H. B. Akande, E. O. Asani, and B. T. Dautare, "Customer Segmentation through RFM Analysis and K-means Clustering: Leveraging Data-Driven Insights for Effective Marketing Strategy," *Int. Conf. Sci. Eng. Bus. Driv. Sustain. Dev. Goals, SEB4SDG 2024*, vol. 3, no. 1, 2024, doi: 10.1109/SEB4SDG60871.2024.10630052.
- [12] T. C. Saputra, S. M. Fadhilah, and S. U. Mangkuto, "Segmentation , targeting and positioning analysis using k- means clustering model : A case study of the laptop market in Indonesia," *Int. J. Appl. Financ. Bus. Stud.*, vol. 12, no.

2, pp. 195–203, 2024.

- [13] S. Robo, P. I. Melani, P. Fernatymanan, R. Widianoro, S. Khairul Bariyyah, and F. I. Komputer, “The Application of Customers Segmentation Using RFM Analysis Method and K-Means Clustering to Improve Marketing Strategy,” *Int. J. Inf. Syst. Technol. Akreditasi*, vol. 8, no. 158, pp. 200–211, 2024.
- [14] R. Martiansah, S. Monalisa, M. Fronita, and F. Muttakin, “Customer Segmentation Analysis Through RFM- D Model and K-Means Algorithm,” vol. 08, no. 01, pp. 1–11, 2025.
- [15] Y. Putri, D. Aldo, W. Ilham, U. T. Padang, and C. I. Cendekia, “Retail Marketing Strategy Optimization : Customer Segmentation with Artificial Intelligence Integration and K-Means Clustering,” vol. 8, no. 4, pp. 2155–2163, 2024.
- [16] W. E. Nugroho, S. D. Kurniawan, P. A. Vredison, and H. Firmansyah, “K-Means And K-Medoids Algorithms For Food Clusterization Optimized By Nutritional Value,” pp. 808–820.
- [17] C. Christnatalis, E. Claudyo, L. Lucky, H. K. Manullang, and A. I. Zebua, “Analysis of Royal Prima Hospital service with a comparison between the K-Means Algorithm method and K-Medoids Clustering,” *Priviet Soc. Sci. J.*, vol. 3, no. 8, pp. 1–9, 2023, doi: 10.55942/pssj.v3i8.229.
- [18] Yosia and B. Siregar, “Comparative Analysis of K-Means and K-Medoids Algorithms for Product Sales Clustering and Customer,” *J. Math. Comput. Stat.*, vol. 7, no. 2, pp. 360–370, 2024, doi: 10.35580/jmathcos.v7i2.4053.
- [19] N. Mirantika and E. Rijanto, “COMPARATIVE ANALYSIS OF K-MEANS AND K-MEDOIDS ALGORITHMS IN DETERMINING CUSTOMER SEGMENTATION USING RFM MODEL,” *J. Eng. Sci. Technol.*, vol. 18, no. 5, pp. 2340–2351, 2023.
- [20] I. Bensassi, O. Ndama, M. Kouissi, and E. M. En-naïmi, “Enhancing fake profile detection through supervised and hybrid machine learning : a comparative analysis,” vol. 37, no. 1, pp. 257–268, 2025, doi: 10.11591/ijeecs.v37.i1.pp257-268.
- [21] E. Lulaj, B. Dragusha, and D. Lulaj, “Market Mavericks in Emerging Economies : Redefining Sales Velocity and Profit Surge in Today ’ s Dynamic Business Environment,” 2024.
- [22] M. Syndrome, “Nutrition, Bioenergetics, and Metabolic Syndrome,” pp. 1–38, 2020.
- [23] D. T. Larose and J. Wiley, “Book reviews,” vol. 6, no. 4, pp. 411–412, 2005.
- [24] R. M. Rajagukguk, “Journal of Information System Implementation of Loyalty Program Theory Based on Recency Frequency Monetary Score in Information Systems to Increase Customer Loyalty,” vol. 3, no. 1, pp. 45–

52, 2025.

- [25] F. Mart, L. Contreras-ochando, and N. Lachiche, “CRISP-DM Twenty Years Later : From Data Mining Processes to Data Science Trajectories,” vol. 33, pp. 3048–3061, 2021.
- [26] M. N. Alwi, “CRISP-DM: Tahapan, Studi Kasus, Kelebihan, dan Kekurangan.” [Online]. Available: <https://www.dicoding.com/blog/crisp-dm-tahapan-studi-kasus-kelebihan-dan-kekurangan/>
- [27] C. Schröer, F. Kruse, J. Marx, F. Kruse, and J. Marx, “ScienceDirect ScienceDirect A Systematic Literature Review A Systematic Literature Review on Applying Process Model on Applying CRISP-DM Process Model,” *Procedia Comput. Sci.*, vol. 181, no. 2019, pp. 526–534, 2021, doi: 10.1016/j.procs.2021.01.199.
- [28] I. H. Sarker, “Machine Learning : Algorithms , Real-World Applications and Research Directions,” no. March, 2021, doi: 10.20944/preprints202103.0216.v1.
- [29] Y. Li and G. Zhang, “An Improved Reinforcement Learning Method Based on Unsupervised Learning,” *IEEE Access*, vol. 12, no. December 2023, pp. 12295–12307, 2024, doi: 10.1109/ACCESS.2024.3351696.
- [30] K. P. Sinaga and M. Yang, “Unsupervised K-Means Clustering Algorithm,” vol. 8, 2020, doi: 10.1109/ACCESS.2020.2988796.
- [31] H. Zhao, “Design and Implementation of an Improved K-Means Clustering Algorithm,” vol. 2022, 2022, doi: 10.1155/2022/6041484.
- [32] Z. Wu, L. Jin, J. Zhao, L. Jing, and L. Chen, “Research on Segmenting E-Commerce Customer through an Improved K-Medoids Clustering Algorithm,” vol. 2022, 2022, doi: 10.1155/2022/9930613.
- [33] F. Ros, R. Riad, and S. Guillaume, “PDBI: A partitioning Davies-Bouldin index for clustering evaluation,” *Neurocomputing*, vol. 528, pp. 178–199, 2023, [Online]. Available: <https://api.semanticscholar.org/CorpusID:256289591>
- [34] M. Shutaywi, “Silhouette Analysis for Performance Evaluation in Machine,” pp. 1–17, 2021.
- [35] T. Kluyver, B. Ragan-kelley, and F. Pérez, “Jupyter Notebooks — a publishing for mat for reproducible computational workf l ows,” 2016, doi: 10.3233/978-1-61499-649-1-87.
- [36] S. Raschka, J. Patterson, and C. Nolet, “Machine Learning in Python : Main Developments and Technology Trends in Data Science , Machine Learning , and Artificial Intelligence,” 2020, doi: 10.3390/info11040193.
- [37] “STREAMLIT - POWERED DATA SCIENCE VISUALIZING CRYPTOCURRENCY MARKETS,” vol. 16, 2025.