

DAFTAR PUSTAKA

- [1] S. Wang, L. Sun, and Y. Yu, "A dynamic customer segmentation approach by combining LRFMS and multivariate time series clustering," *Scientific Reports*, vol. 14, p. 17491, 2024. DOI: <https://doi.org/10.1038/s41598-024-68621-2>
- [2] S. Filomeni, M. Modina, and E. Tabacco, "Can market information outperform hard and soft information in predicting corporate defaults?" *International Journal of Finance & Economics*, vol. 29, no. 2, pp. 1840-1857, 2024. DOI: <https://doi.org/10.1002/ijfe.2840>
- [3] M. Sarkar, A. Aisharyja, R. Puja, and F. R. Chowdhury, "Optimizing marketing strategies with RFM method and k-means clustering-based AI customer segmentation analysis," *Journal of Business and Management Studies*, vol. 6, no. 2, pp. 45-58, 2024. DOI: <https://doi.org/10.32996/jbms.2024.6.2.5>
- [4] C.-G. Wong, G.-K. Tong, and S.-C. Haw, "Exploring Customer Segmentation in E-Commerce using RFM Analysis with Clustering Techniques," *Journal of Telecommunications and the Digital Economy*, vol. 12, no. 3, pp. 97-125, 2024. DOI: <https://doi.org/10.18080/jtde.v12n3.978>
- [5] R. Heldt, C. S. Silveira, and F. B. Luce, "Predicting customer value per product: From RFM to RFM/P," *Journal of Business Research*, vol. 127, pp. 444-453, 2021. DOI: <https://doi.org/10.1016/j.jbusres.2019.05.001>
- [6] M. Khajvand, K. Zolfaghar, S. Ashoori, and S. Alizadeh, "Estimating customer lifetime value based on RFM analysis of customer purchase behavior: Case study," *Procedia Computer Science*, vol. 3, pp. 57-63, 2011. DOI: <https://doi.org/10.1016/j.procs.2010.12.011>
- [7] D. B. Arnett and C. M. Wittmann, "Market segmentation strategy, target markets, and competitors: a resource-advantage theory perspective," *Journal of Marketing Management*, vol. 40, no. 13-14, pp. 1269-1285, 2024. DOI: <https://doi.org/10.1080/0267257X.2024.2391367>
- [8] U. Sivarajah, M. M. Kamal, Z. Irani, and V. Weerakkody, "Data-driven strategies for digital native market segmentation using clustering," *International Journal of Information Management Data Insights*, vol. 4, no. 1, p. 100211, 2024. DOI: <https://doi.org/10.1016/j.jjime.2024.100211>
- [9] C. Wen, K. Gao, and Y. Xiao, "Data-Driven Market Segmentation in Insurance Industry and Other Related Sectors," *Journal of Finance and Accounting*, vol. 9, no. 6, pp. 268-272, 2021. DOI: <https://doi.org/10.11648/j.jfa.20210906.17>
- [10] P. C. Verhoef, P. K. Kannan, and J. J. Inman, "From multi-channel retailing to omni-channel retailing: Introduction to the special issue on multi-channel retailing," *Journal of Retailing*, vol. 91, no. 2, pp. 174-181, 2015. DOI: <https://doi.org/10.1016/j.jretai.2015.02.005>
- [11] W. McKinney, "Python for data analysis: Data wrangling with Pandas, NumPy, and IPython," *Journal of Statistical Software*, vol. 82, pp. 1-4, 2017. DOI: <https://doi.org/10.18637/jss.v082.b01>

- [12] LoudAdmin, "Python programming Language: Everything you need to know - Loud bench," *Loud Bench*, Aug. 11, 2023. <https://loudbench.com/python/>
- [13] D. Kreuzberger, N. Kühl, and S. Hirschl, "Machine Learning Operations (MLOps): Overview, Definition, and Architecture," *IEEE Access*, vol. 11, pp. 31866-31879, 2023. DOI: <https://doi.org/10.1109/ACCESS.2023.3262138>
- [14] "Brand • Streamlit." <https://streamlit.io/brand>
- [15] M. M. Rahman and C. K. Roy, "A Comparative Study of Programming Language Use in GitHub Projects: Insights from Developer Activity," *IEEE Transactions on Software Engineering*, vol. 47, no. 12, pp. 2870-2886, 2021. DOI: <https://doi.org/10.1109/TSE.2020.2978113>
- [16] "Visual Studio Code and VS Code icons and names usage guidelines," Nov. 03, 2021. <https://code.visualstudio.com/brand>
- [17] E. Kalliamvakou, G. Gousios, K. Blincoe, L. Singer, D. M. German, and D. Damian, "The promises and perils of mining GitHub," *Empirical Software Engineering*, vol. 21, no. 5, pp. 2035-2071, 2016. DOI: <https://doi.org/10.1007/s10664-015-9393-5>
- [18] "What is GitHub? - Pythia Foundations." <https://foundations.projectpythia.org/foundations/github/what-is-github.html>
- [19] B. Jelen and M. Alexander, "The evolution of spreadsheet analytics: From simple calculations to advanced data analysis," *International Journal of Business Intelligence Research*, vol. 14, no. 1, pp. 1-18, 2023. DOI: <https://doi.org/10.4018/IJBIR.2023010101>
- [20] *File:Microsoft Office Excel (2019–present).svg - Wikimedia Commons*. 2019. [Online]. Available: https://commons.wikimedia.org/wiki/File:Microsoft_Office_Excel_%282019%E2%80%93present%29.svg
- [21] M. Sarkar, A. Aisharyja, R. Puja, and F. R. Chowdhury, "Optimizing marketing strategies with RFM method and k-means clustering-based AI customer segmentation analysis," *Journal of Business and Management Studies*, vol. 6, no. 2, pp. 45-58, 2024. DOI: <https://doi.org/10.32996/jbms.2024.6.2.5>
- [22] E. W. Ngai, L. Xiu, and D. C. Chau, "Application of data mining techniques in customer relationship management: A literature review and classification," *Expert Systems with Applications*, vol. 36, no. 2, pp. 2592-2602, 2009. DOI: <https://doi.org/10.1016/j.eswa.2008.02.021>
- [23] Z. Li and H. Lee, "Customer Segmentation Marketing Strategy Based on Big Data Analysis and Clustering Algorithm," *Journal of Theoretical and Applied Information Technology*, vol. 102, no. 3, pp. 981-992, 2024.
- [24] Y. Zhang, E. T. Bradlow, and D. S. Small, "Predicting customer value using clumpiness: From RFM to RFMC," *Marketing Science*, vol. 34, no. 2, pp. 195-208, 2015. DOI: <https://doi.org/10.1287/mksc.2014.0873>

- [25]] O. Dogan, E. Ayçin, and Z. A. Bulut, "RFM ranking – An effective approach to customer segmentation," *Journal of King Saud University - Computer and Information Sciences*, vol. 31, no. 4, pp. 423-431, 2018. DOI: <https://doi.org/10.1016/j.jksuci.2018.07.003>
- [26] F. Safari, N. Safari, and G. A. Montazer, "Customer lifetime value determination based on RFM model," *Marketing Intelligence & Planning*, vol. 34, no. 4, pp. 446-461, 2016. DOI: <https://doi.org/10.1108/MIP-03-2015-0060>
- [27] A. Ishaq, "Customer Segmentation based on RFM model and Clustering Techniques With K-Means Algorithm," in *Proceedings of the 2018 International Conference on Advanced Science and Engineering (ICOASE)*, pp. 570-575, 2018. DOI: <https://doi.org/10.1109/ICOASE.2018.8548570>
- [28] C. H. Cheng and Y. S. Chen, "Classifying the segmentation of customer value via RFM model and RS theory," *Expert Systems with Applications*, vol. 36, no. 3, pp. 4176-4184, 2009. DOI: <https://doi.org/10.1016/j.eswa.2008.04.003>
- [29] S. Peker, A. Kocyigit, and P. E. Eren, "RFM model for customer purchase behavior using K-Means algorithm," *Journal of King Saud University - Computer and Information Sciences*, vol. 31, no. 1, pp. 1-7, 2017. DOI: <https://doi.org/10.1016/j.jksuci.2017.05.004>
- [30] K. Khotimah and R. Sarno, "RFM model customer segmentation based on hierarchical approach using FCA," *Expert Systems with Applications*, vol. 237, p. 121449, 2023. DOI: <https://doi.org/10.1016/j.eswa.2023.121449>
- [31] K. Khalili-Damghani, F. Abdi, and S. Abolmakarem, "Hybrid soft computing approach based on clustering, rule mining, and decision tree analysis for customer segmentation problem: Real case of customer-centric industries," *Applied Soft Computing*, vol. 84, p. 105663, 2019. DOI: <https://doi.org/10.1016/j.asoc.2019.105663>
- [32] Q. Zhao, M. Xu, and P. Fränti, "A quantitative discriminant method of elbow point for the optimal number of clusters in clustering algorithm," *EURASIP Journal on Wireless Communications and Networking*, vol. 2021, p. 31, 2021. DOI: <https://doi.org/10.1186/s13638-021-01910-w>
- [33] P. J. Rousseeuw, "Silhouettes: a graphical aid to the interpretation and validation of cluster analysis," *Journal of Computational and Applied Mathematics*, vol. 20, pp. 53-65, 1987. DOI: [https://doi.org/10.1016/0377-0427\(87\)90125-7](https://doi.org/10.1016/0377-0427(87)90125-7)
- [34] M. Charrad, N. Ghazzali, V. Boiteau, and A. Niknafs, "NbClust: An R Package for Determining the Relevant Number of Clusters in a Data Set," *Journal of Statistical Software*, vol. 61, no. 6, pp. 1-36, 2014. DOI: <https://doi.org/10.18637/jss.v061.i06>
- [35] V. Kumar and W. Reinartz, "Creating enduring customer value," *Journal of Marketing*, vol. 80, no. 6, pp. 36-68, 2016. DOI: <https://doi.org/10.1509/jm.15.0414>
- [36] A. Amin, S. Anwar, A. Adnan, M. Nawaz, N. Howard, J. Qadir, A. Hawalah, and A. Hussain, "Comparing oversampling techniques to handle the class imbalance problem: A customer churn prediction case study," *IEEE Access*, vol. 4, pp. 7940-7957, 2016. DOI: <https://doi.org/10.1109/ACCESS.2016.2619719>

- [37] R. S. Wu, P. H. Chou, and C. C. Huang, "An Empirical Study on Customer Segmentation by Purchase Behaviors Using a RFM Model and K-Means Algorithm," *Mathematical Problems in Engineering*, vol. 2020, p. 8884227, 2020. DOI: <https://doi.org/10.1155/2020/8884227>
- [38] L. Young and A. Vogelsmeier, "Business Intelligence Dashboards for Patient Safety and Quality: A Narrative Literature Review," *Journal of Nursing Care Quality*, vol. 39, no. 2, pp. 188-194, 2024. DOI: <https://doi.org/10.1097/NCQ.0000000000000747>
- [39] K. Lewis, "The future of email marketing: Data and personalization," *Journal of Interactive Marketing*, vol. 61, pp. 112-128, 2023. DOI: <https://doi.org/10.1016/j.intmar.2023.02.006>
- [40] M. Pikies, J. Ali, M. Chlebus, K. Ciecierski, P. Kowalski, and S. Miklaszewski, "Analysis and safety engineering of fuzzy string matching algorithms," *ISA Transactions*, vol. 113, pp. 1-8, 2021. DOI: <https://doi.org/10.1016/j.isatra.2020.10.014>

