

DAFTAR PUSTAKA

- [1] M. Rostami, V. Farrahi, S. Ahmadian, S. Mohammad Jafar Jalali, and M. Oussalah, "A novel healthy and time-aware food recommender system using attributed community detection," *Expert Syst. Appl.*, vol. 221, no. November 2022, p. 119719, 2023, doi: 10.1016/j.eswa.2023.119719.
- [2] M. Singh, "Scalability and sparsity issues in recommender datasets: a survey," *Knowl. Inf. Syst.*, vol. 62, no. 1, pp. 1–43, 2020, doi: 10.1007/s10115-018-1254-2.
- [3] D. Roy and M. Dutta, "A systematic review and research perspective on recommender systems," *J. Big Data*, vol. 9, no. 1, 2022, doi: 10.1186/s40537-022-00592-5.
- [4] M. H. Mohamed, M. H. Khafagy, H. Elbeh, and A. M. Abdalla, "Sparsity and cold start recommendation system challenges solved by hybrid feedback," *Int. J. Eng. Res. Technol.*, vol. 12, no. 12, pp. 2735–2742, 2019.
- [5] C. Xiong, Y. Liu, Z. Yang, and E. Liu, "Improving Recommendation Performance with Clustering and Missing Value Prediction," *2020 54th Annu. Conf. Inf. Sci. Syst. CISS 2020*, 2020, doi: 10.1109/CISS48834.2020.1570617370.
- [6] K. Vahidy Rodpysh, S. J. Mirabedini, and T. Banirostam, "Resolving cold start and sparse data challenge in recommender systems using multi-level singular value decomposition," *Comput. Electr. Eng.*, vol. 94, no. June, p. 107361, 2021, doi: 10.1016/j.compeleceng.2021.107361.
- [7] B. Hawashin, S. Alzubi, A. Mughaid, F. Fotouhi, and A. Abusukhon, "An Efficient Cold Start Solution for Recommender Systems Based on Machine Learning and User Interests," *2020 7th Int. Conf. Softw. Defin. Syst. SDS 2020*, pp. 220–225, 2020, doi: 10.1109/SDS49854.2020.9143953.
- [8] J. Bobadilla, F. Ortega, A. Hernando, and A. Gutiérrez, "Recommender systems survey," *Knowledge-Based Syst.*, vol. 46, pp. 109–132, 2013, doi: 10.1016/j.knosys.2013.03.012.
- [9] Y. Tang and Q. Tong, "BordaRank: A ranking aggregation based approach to collaborative filtering," *2016 IEEE/ACIS 15th Int. Conf. Comput. Inf. Sci. ICIS 2016 - Proc.*, pp. 1–6, 2016, doi: 10.1109/ICIS.2016.7550761.
- [10] E. A. Laksana, "Collaborative Filtering dan Aplikasinya," *J. Ilm. Teknol. Inf. Terap.*, vol. 1, no. 2407–3911, pp. 36–40, 2014.
- [11] J. S. Breese, D. Heckerman, and C. Kadie, "Empirical Analysis of Predictive Algorithms for Collaborative Filtering," pp. 43–52, 2013, [Online]. Available: <http://arxiv.org/abs/1301.7363>.

- [12] H. Hartatik and R. Rosyid, "Pengaruh User Profiling Pada Rekomendasi Sistem Menggunakan K Means Dan Knn," *J. Inf. Syst. Manag.*, vol. 2, no. 1, pp. 13–18, 2020, doi: 10.24076/joism.2020v2i1.199.
- [13] G. A. P. Ruswanda, Z. A. Baizal, and E. Nasution, "Penanganan Masalah Cold Start Dan Diversity Rekomendasi Menggunakan Item-Based Clustering Hybrid Method," *e-Proceeding Eng.*, vol. 2, no. 3, pp. 8035–8041, 2015.
- [14] S. Sharma and A. Mahajan, "Suggestive Approaches to Create a Recommender System for GitHub," *Int. J. Inf. Technol. Comput. Sci.*, vol. 9, no. 8, pp. 48–55, 2017, doi: 10.5815/ijitcs.2017.08.06.
- [15] J. Pérez-Ortega, N. N. Almanza-Ortega, and D. Romero, "Balancing effort and benefit of K-means clustering algorithms in Big Data realms," *PLoS One*, vol. 13, no. 9, pp. 1–19, 2018, doi: 10.1371/journal.pone.0201874.
- [16] U. Kuzelewska, "Clustering algorithms in hybrid recommender system on MovieLens data," *Stud. Logic, Gramm. Rhetor.*, vol. 37, no. 50, pp. 125–139, 2014, doi: 10.2478/slgr-2014-0021.
- [17] S. Theodoridis and K. Koutroumbas, *Pattern Recognition*. 2009.
- [18] D. A. Adeniyi, Z. Wei, and Y. Yongquan, "Automated web usage data mining and recommendation system using K-Nearest Neighbor (KNN) classification method," *Appl. Comput. Informatics*, vol. 12, no. 1, pp. 90–108, 2016, doi: 10.1016/j.aci.2014.10.001.
- [19] J. Cheng and L. Zhang, *Jaccard coefficient-based bi-clustering and fusion recommender system for solving data sparsity*, vol. 11440 LNAI. Springer International Publishing, 2019.
- [20] T. Hendrawati, "Kajian Metode Imputasi Dalam Menangani Missing Data," *Pros. Semin. Nas. Mat. dan Pendidik. Mat. UMS*, pp. 637–642, 2015.
- [21] P. J. Rousseeuw, "Silhouettes: A graphical aid to the interpretation and validation of cluster analysis," *J. Comput. Appl. Math.*, vol. 20, no. C, pp. 53–65, 1987, doi: 10.1016/0377-0427(87)90125-7.
- [22] W. Kwedlo, "A clustering method combining differential evolution with the K-means algorithm," *Pattern Recognit. Lett.*, vol. 32, no. 12, pp. 1613–1621, 2011, doi: 10.1016/j.patrec.2011.05.010.
- [23] M. A. Syakur, B. K. Khotimah, E. M. S. Rochman, and B. D. Satoto, "Integration K-Means Clustering Method and Elbow Method for Identification of the Best Customer Profile Cluster," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 336, no. 1, 2018, doi: 10.1088/1757-899X/336/1/012017.
- [24] M. Mughnyanti, S. Efendi, and M. Zarlis, "Analysis of determining centroid clustering x-means algorithm with davies-bouldin index evaluation," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 725, no. 1, 2020, doi:

10.1088/1757-899X/725/1/012128.

- [25] S. Kapil and M. Chawla, “Performance evaluation of K-means clustering algorithm with various distance metrics,” *1st IEEE Int. Conf. Power Electron. Intell. Control Energy Syst. ICPEICES 2016*, vol. 110, no. 11, pp. 12–16, 2017, doi: 10.1109/ICPEICES.2016.7853264.
- [26] B. G. Marcot and A. M. Hanea, “What is an optimal value of k in k-fold cross-validation in discrete Bayesian network analysis?,” *Comput. Stat.*, vol. 36, no. 3, pp. 2009–2031, 2021, doi: 10.1007/s00180-020-00999-9.