

DAFTAR PUSTAKA

- [1] H. Limanseto, “Menjadi Salah Satu Sektor Strategis Dorong Pertumbuhan Ekonomi, Pariwisata Gencar Dikembangkan Pemerintah,” 2025. Accessed: Mar. 16, 2025. [Online]. Available: <https://www.ekon.go.id/publikasi/detail/6164/menjadi-salah-satu-sektorstrategisdorong-pertumbuhan-ekonomi-pariwisata-gencar-dikembangkan-pemerintah>
- [2] A. Aesia, “Perkembangan Investasi Properti di Tempat Wisata: Sebuah Analisis Mendalam.” Accessed: Mar. 16, 2025. [Online]. Available: <https://aesia.kemenkeu.go.id/berita-properti/properti/perkembangan-investasi-properti-di-tempat-wisata-sebuah-analisis-mendalam-149.html>
- [3] G. Kusumah, “Pengaruh Online Travel Agent terhadap Perubahan Pola Wisata.” Accessed: Mar. 13, 2025. [Online]. Available: <https://mpar.upi.edu/pengaruh-online-travel-agent-terhadap-perubahan-pola-wisata/>
- [4] S. Kemp, “Digital 2025: Indonesia.” Accessed: Mar. 13, 2025. [Online]. Available: <https://datareportal.com/reports/digital-2025-indonesia>
- [5] U. Admin, “Peran dan Manfaat Digitalisasi dalam Industri Pariwisata.” Accessed: Apr. 20, 2025. [Online]. Available: <https://vokasi.ui.ac.id/web/peran-dan-manfaat-digitalisasi-dalam-industri-pariwisata/>
- [6] Admin, “Strategi Digital Tourism dalam Menggaet Wisatawan,” Sep. 17, 2021. Accessed: Apr. 13, 2025. [Online]. Available: <https://www.kemenpar.go.id/ragam-pariwisata/Strategi-Digital-Tourism-dalam-Menggaet-Wisatawan>
- [7] M. Jeong and H. H. Shin, “Tourists’ Experiences with Smart Tourism Technology at Smart Destinations and Their Behavior Intentions,” *J. Travel Res.*, vol. 59, no. 8, pp. 1464–1477, Nov. 2020, doi: 10.1177/0047287519883034.
- [8] “Google Maps.” Accessed: May 17, 2025. [Online]. Available: <https://www.google.com/maps>
- [9] “Waze.” Accessed: May 17, 2025. [Online]. Available: <https://www.waze.com/>

- [10] “Tripadvisor.” Accessed: May 17, 2025. [Online]. Available: <https://www.tripadvisor.com/>
- [11] “Atourin.” Accessed: May 17, 2025. [Online]. Available: <https://atourin.com/>
- [12] “Booking.com.” Accessed: May 17, 2025. [Online]. Available: <https://www.booking.com/>
- [13] Y. A. Singgalen, *Perilaku Wisatawan*. 2025.
- [14] C. Huda, Y. Heryadi, Lukas, and W. Budiharto, “Smart Tourism Recommender System Modeling Based on Hybrid Technique and Content Boosted Collaborative Filtering,” *IEEE Access*, vol. 12, pp. 131794–131808, 2024, doi: 10.1109/ACCESS.2024.3450882.
- [15] F. Ricci, *Recommender Systems Handbook*. New York, NY: Springer US, 2022. doi: 10.1007/978-1-0716-2197-4.
- [16] R. M. Sallam, M. Hussein, and H. M. Mousa, “An Enhanced Collaborative Filtering-based Approach for Recommender Systems,” *Int. J. Comput. Appl.*, vol. 176, no. 41, pp. 9–15, Jul. 2020, doi: 10.5120/ijca2020920531.
- [17] E. Ahmed and A. Letta, “Book Recommendation Using Collaborative Filtering Algorithm,” *Applied Computational Intelligence and Soft Computing*, vol. 2023, pp. 1–12, Mar. 2023, doi: 10.1155/2023/1514801.
- [18] T. Anwar and V. Uma, “Comparative study of recommender system approaches and movie recommendation using collaborative filtering,” *International Journal of System Assurance Engineering and Management*, vol. 12, no. 3, pp. 426–436, Jun. 2021, doi: 10.1007/s13198-021-01087-x.
- [19] S. Tokala, M. K. Enduri, T. J. Lakshmi, K. Hajarathaiah, and H. Sharma, “Empirical Analysis of Variations of Matrix Factorization in Recommender Systems,” *International Journal of Advanced Computer Science and Applications*, vol. 16, no. 1, 2025, doi: 10.14569/IJACSA.2025.01601108.
- [20] G. Li *et al.*, “Novel Recommendation System for Tourist Spots Based on Hierarchical Sampling Statistics and SVD++,” *Math. Probl. Eng.*, vol. 2019, no. 1, Jan. 2019, doi: 10.1155/2019/2072375.

- [21] S. N. Huda, S. Rani, and D. H. Fudholi, "Comparison of matrix factorization algorithms' performance in tourist attraction recommendations," 2023, p. 020020. doi: 10.1063/5.0118114.
- [22] F. Samosir, "Implementasi Natural Language Processing Untuk Labeling Dataset Ulasan Attraction Di Indonesia," 2026.
- [23] "Google Review." Accessed: May 17, 2025. [Online]. Available: <https://customerreviews.google.com/>
- [24] B. Komunikasi, "Siaran Pers: Bali Dinobatkan sebagai Destinasi Terbaik Dunia 2026 Versi TripAdvisor," 2026. Accessed: Jun. 18, 2026. [Online]. Available: <https://kemenpar.go.id/berita/siaran-pers-bali-dinobatkan-sebagai-destinasi-terbaik-dunia-2026-versi-tripadvisor>
- [25] F. Horasan, A. H. Yurttakal, and S. Gündüz, "A novel model based collaborative filtering recommender system via truncated ULV decomposition," *Journal of King Saud University - Computer and Information Sciences*, vol. 35, no. 8, p. 101724, Sep. 2023, doi: 10.1016/j.jksuci.2023.101724.
- [26] C. C. Aggarwal, *Recommender Systems*. Cham: Springer International Publishing, 2016. doi: 10.1007/978-3-319-29659-3.
- [27] R. Mehta and K. Rana, "A review on matrix factorization techniques in recommender systems," in *2017 2nd International Conference on Communication Systems, Computing and IT Applications (CSCITA)*, IEEE, Apr. 2017, pp. 269–274. doi: 10.1109/CSCITA.2017.8066567.
- [28] nvidia, "Recommendation System." Accessed: Apr. 27, 2025. [Online]. Available: <https://www.nvidia.com/en-us/glossary/recommendation-system/>
- [29] I. Saifudin and T. Widiyaningtyas, "Systematic Literature Review on Recommender System: Approach, Problem, Evaluation Techniques, Datasets," *IEEE Access*, vol. 12, pp. 19827–19847, 2024, doi: 10.1109/ACCESS.2024.3359274.

- [30] Z. Fayyaz, M. Ebrahimian, D. Nawara, A. Ibrahim, and R. Kashef, “Recommendation Systems: Algorithms, Challenges, Metrics, and Business Opportunities,” *Applied Sciences*, vol. 10, no. 21, p. 7748, Nov. 2020, doi: 10.3390/app10217748.
- [31] Z. Bahramian, R. A. Abbaspour, and C. Claramunt, “Toward Geospatial Collaborative Tourism Recommender Systems,” 2018, pp. 212–248. doi: 10.4018/978-1-5225-5088-4.ch010.
- [32] S. Puttinaovarat, S. Chai-Arayalert, and W. Saetang, “GIS-Based Personalized Tourism Recommendation Using Association Rule Mining to Support Sustainable Tourism,” *Sustainability*, vol. 18, no. 6, p. 3145, Mar. 2026, doi: 10.3390/su18063145.
- [33] H. Papadakis, A. Papagrigoriou, C. Panagiotakis, E. Kosmas, and P. Fragopoulou, “Collaborative filtering recommender systems taxonomy,” *Knowl. Inf. Syst.*, vol. 64, no. 1, pp. 35–74, Jan. 2022, doi: 10.1007/s10115-021-01628-7.
- [34] H.-J. Xue, X. Dai, J. Zhang, S. Huang, and J. Chen, “Deep Matrix Factorization Models for Recommender Systems,” in *Proceedings of the Twenty-Sixth International Joint Conference on Artificial Intelligence*, California: International Joint Conferences on Artificial Intelligence Organization, Aug. 2017, pp. 3203–3209. doi: 10.24963/ijcai.2017/447.
- [35] Y. Koren, R. Bell, and C. Volinsky, “Matrix Factorization Techniques for Recommender Systems,” *Computer (Long. Beach. Calif.)*, vol. 42, no. 8, pp. 30–37, Aug. 2009, doi: 10.1109/MC.2009.263.
- [36] C. C. Aggarwal, *Linear Algebra and Optimization for Machine Learning*. Cham: Springer International Publishing, 2020. doi: 10.1007/978-3-030-40344-7.
- [37] Y. Zhang, “An Introduction to Matrix factorization and Factorization Machines in Recommendation System, and Beyond,” Mar. 2022, [Online]. Available: <http://arxiv.org/abs/2203.11026>
- [38] J. Ben Schafer, D. Frankowski, J. Herlocker, and S. Sen, “Collaborative Filtering Recommender Systems,” in *The Adaptive Web*, Berlin, Heidelberg: Springer Berlin Heidelberg, pp. 291–324. doi: 10.1007/978-3-540-72079-9_9.

- [39] W. Zhang *et al.*, “Cold-Start Recommendation towards the Era of Large Language Models (LLMs): A Comprehensive Survey and Roadmap,” *Journal of the ACM*, vol. 1, no. 1, Jan. 2025, [Online]. Available: <http://arxiv.org/abs/2501.01945>
- [40] D. K. Panda and S. Ray, “Approaches and algorithms to mitigate cold start problems in recommender systems: a systematic literature review,” *J. Intell. Inf. Syst.*, vol. 59, no. 2, pp. 341–366, Oct. 2022, doi: 10.1007/s10844-022-00698-5.
- [41] H. Yuan and A. A. Hernandez, “User Cold Start Problem in Recommendation Systems: A Systematic Review,” *IEEE Access*, vol. 11, pp. 136958–136977, 2023, doi: 10.1109/ACCESS.2023.3338705.
- [42] D. Gusak, N. Sukhorukov, and E. Frolov, “Recommendation Is a Dish Better Served Warm,” in *Proceedings of the Nineteenth ACM Conference on Recommender Systems*, New York, NY, USA: ACM, Sep. 2025, pp. 1267–1272. doi: 10.1145/3705328.3759331.
- [43] H. Chen *et al.*, “Generative Adversarial Framework for Cold-Start Item Recommendation,” in *Proceedings of the 45th International ACM SIGIR Conference on Research and Development in Information Retrieval*, New York, NY, USA: ACM, Jul. 2022, pp. 2565–2571. doi: 10.1145/3477495.3531897.
- [44] I. Barjasteh, R. Forsati, D. Ross, A.-H. Esfahanian, and H. Radha, “Cold-Start Recommendation with Provable Guarantees: A Decoupled Approach,” *IEEE Trans. Knowl. Data Eng.*, vol. 28, no. 6, pp. 1462–1474, Jun. 2016, doi: 10.1109/TKDE.2016.2522422.
- [45] T. O. Hodson, “Root-mean-square error (RMSE) or mean absolute error (MAE): when to use them or not,” *Geosci. Model Dev.*, vol. 15, no. 14, pp. 5481–5487, Jul. 2022, doi: 10.5194/gmd-15-5481-2022.
- [46] T. Chai and R. R. Draxler, “Root mean square error (RMSE) or mean absolute error (MAE)? – Arguments against avoiding RMSE in the literature,” *Geosci. Model Dev.*, vol. 7, no. 3, pp. 1247–1250, Jun. 2014, doi: 10.5194/gmd-7-1247-2014.
- [47] Z. Meng, R. McCreadie, C. Macdonald, and I. Ounis, “Exploring Data Splitting Strategies for the Evaluation of Recommendation Models,” in *Fourteenth ACM Conference on*

Recommender Systems, New York, NY, USA: ACM, Sep. 2020, pp. 681–686. doi: 10.1145/3383313.3418479.