

DAFTAR PUSTAKA

- Atree, M. K., & Tripathy, N. (2025). Cryptocurrency Research: Bibliometric Review and Content Analysis. *International Review of Economics and Finance*, 98, 1–18. <https://doi.org/10.1016/j.iref.2025.103940>
- Aydogdu, D., & Aydin, N. (2024). Development of a Hybrid Recommendation System for NFTs Using Deep Learning Techniques. *IEEE Access*, 12, 185336–185356. <https://doi.org/10.1109/ACCESS.2024.3514512>
- Bhatt, S., Ghazanfar, M., & Amirhosseini, M. H. (2023). Sentiment-Driven Cryptocurrency Price Prediction: A Machine Learning Approach Utilizing Historical Data and Social Media Sentiment Analysis. *Machine Learning and Applications: An International Journal*, 10(2/3), 01–15. <https://doi.org/10.5121/mlaij.2023.10301>
- di Tollo, G., Andria, J., & Filograsso, G. (2023). The Predictive Power of Social Media Sentiment: Evidence from Cryptocurrencies and Stock Markets Using NLP and Stochastic ANNs. *Mathematics*, 11(16), 3441. <https://doi.org/10.3390/math11163441>
- Drammeh, B., & Li, H. (2023). Enhancing Neural Collaborative Filtering Using Hybrid Feature Selection for Recommendation. *PeerJ Computer Science*, 9(6), 1–15. <https://doi.org/10.7717/peerj-cs.1456>
- Fischer, B., Brown, E., Perez, M., & Sanchez, A. (2023). Enhanced Collaborative Filtering Recommendation Model for Graph Neural Networks Based on Meta-Paths. *Journal of Latex Class Files*, 14(8), 1. <https://doi.org/10.21203/rs.3.rs-2744708/v1>
- Hassen, M. Z. (2024). The Paradox of Choice: The Intersection of Freedom and Anxiety. *International Journal of Philosophy*, 12(4), 75–83. <https://doi.org/10.11648/j.ijp.20241204.13>
- Himeur, Y., Sayed, A., Alsalemi, A., Bensaali, F., Amira, A., Varlamis, I., Eirinaki, M., Sardianos, C., & Dimitrakopoulos, G. (2022). Blockchain-based Recommender Systems: Applications, Challenges and Future Opportunities. *Computer Science Review*, 43(100439), 1–21. <https://doi.org/10.1016/j.cosrev.2021.100439>
- Jain, S. M. (2022). A Brief Introduction to Web3: Decentralized Web Fundamentals for App Development. In J. R. Prior, J. Markham, G. Winkler, & A. Rondeau (Eds.), *A Brief Introduction to Web3* (1st Edition). Apress. <https://doi.org/10.1007/978-1-4842-8975-4>

- Jung, H. S., Lee, S. H., Lee, H., & Kim, J. H. (2023). Predicting Bitcoin Trends Through Machine Learning Using Sentiment Analysis with Technical Indicators. *Computer Systems Science and Engineering*, 46(2), 2231–2246. <https://doi.org/10.32604/csse.2023.034466>
- Karabila, I., Darraz, N., El-Ansari, A., Alami, N., & El Mallahi, M. (2023). Enhancing Collaborative Filtering-Based Recommender System Using Sentiment Analysis. *Future Internet*, 15(7), 1–21. <https://doi.org/10.3390/fi15070235>
- Kulkarni, A., Shivananda, A., Kulkarni, A., & Krishnan, V. A. (2023). Applied Recommender Systems with Python: Build Recommender Systems with Deep Learning, NLP and Graph-Based Techniques. In C. S. John, L. Berendson, M. Powers, & K. Burton (Eds.), *Applied Recommender Systems with Python* (1st ed.). Apress. <https://doi.org/10.1007/978-1-4842-8954-9>
- Kumar, P. P., Vairachilai, S., Potluri, S., & Mohanty, S. N. (2021). *Recommender Systems; Algorithms and Applications* (P. P. Kumar, S. Vairachilai, S. Potluri, & S. N. Mohanty, Eds.; 1st Edition). CRC Press. <https://doi.org/https://doi.org/10.1201/9780367631888>
- Luo, Y., Feng, Y., Xu, J., Tasca, P., & Liu, Y. (2025). *LLM-Powered Multi-Agent System for Automated Crypto Portfolio Management*. 1–14. <http://arxiv.org/abs/2501.00826>
- Majumdar, A. (2024). *Collaborative Filtering: Recommender Systems* (1st Edition). CRC Press. <https://doi.org/https://doi.org/10.1201/9781003511267>
- Mukherjee, S., Thapliyal, K., Maurya, A., & Dev, K. (2024). The Role Of Neural Collaborative Filtering In Recommending The Most Effective Systems. *Nanotechnology Perceptions*, 20(4), 591–604. <https://doi.org/https://doi.org/10.62441/nano-ntp.v20i4.2163>
- Mukti, P. A. S., & Baizal, Z. K. A. (2025). Enhancing Neural Collaborative Filtering with Metadata for Book Recommender System. *IJCCS (Indonesian Journal of Computing and Cybernetics Systems)*, 19(1), 61. <https://doi.org/10.22146/ijccs.103611>
- Nugroho, D. A., Lubis, C., & Perdana, N. J. (2024). Sistem Rekomendasi Film Menggunakan Metode Neural Collaborative Filtering Movie Recommendation System Using Neural Collaborative Filtering. *Journal of Information Technology and Computer Science (INTECOMS)*, 7(3), 926–937.
- Omar, H. K., Frikha, M., & Jumaa, A. K. (2024). PyTorch and TensorFlow Performance Evaluation in Big data Recommendation System. *Ingenierie Des Systemes d'Information*, 29(4), 1357–1364. <https://doi.org/10.18280/isi.290411>

- Rashid, N. A., & Ismail, M. T. (2023). Modelling and Forecasting the Trend in Cryptocurrency Prices. *Journal of Information and Communication Technology*, 22(3), 449–501. <https://doi.org/10.32890/jict2023.22.3.6>
- Sinlae, F., Irwanda, E., Maulana, Z., & Syahputra, V. E. (2024). Penggunaan Framework Laravel dalam Membangun Aplikasi Website Berbasis PHP. *Jurnal Siber Multi Disiplin (JSMD)*, 2(2), 119–132. <https://doi.org/10.38035/jsmd.v2i2>
- Subhan, S., Syarif, D. L., Widhiastuti, E., Rakainsa, S. K., Sam'an, M., & Ifriza, Y. N. (2025). Improved Recommender System Using Neural Network Collaborative Filtering (NNCF) for E-commerce Cosmetic Product. *Sinergi (Indonesia)*, 29(1), 155–162. <https://doi.org/10.22441/sinergi.2025.1.014>
- Sunny, F. A., Hajek, P., Munk, M., Abedin, M. Z., Satu, M. S., Efat, M. I. A., & Islam, M. J. (2022). A Systematic Review of Blockchain Applications. *IEEE Access*, 10, 59155–59177. <https://doi.org/10.1109/ACCESS.2022.3179690>
- Tan, X., & Tao, Y. (2023). *Trend-based Forecast of Cryptocurrency Return*. 124, 1–38. <https://doi.org/https://doi.org/10.1016/j.econmod.2023.106323>
- Wang, C., Yang, L., Liu, Z., Liu, X., Yang, M., Liang, Y., & Yu, P. S. (2024). Collaborative Alignment for Recommendation. *International Conference on Information and Knowledge Management, Proceedings*, 2315–2325. <https://doi.org/10.1145/3627673.3679535>
- Yang, Q., Huang, H., Lin, K., & Wu, J. (2023). An Introduction to Web3 and Metaverse. In H. Huang, J. Wu, & Z. Zheng (Eds.), *From Blockchain to Web3 & Metaverse* (2023rd ed., pp. 1–25). Springer Nature. https://doi.org/10.1007/978-981-99-3648-9_1
- Yang, W., Li, J., Tan, S., Tan, Y., & Lu, X. (2022). Feature-enhanced Embedding Learning for Heterogeneous Collaborative Filtering. *Neural Computing and Applications*, 34(21), 18741–18756. <https://doi.org/10.1007/s00521-022-07490-0>
- Zhang, X., Shi, S., Li, Y., Ma, W., Sun, P., & Zhang, M. (2024). Feature-Enhanced Neural Collaborative Reasoning for Explainable Recommendation. *ACM Transactions on Information Systems*, 43(1), 1–33. <https://doi.org/10.1145/3690381>