

## REFERENCES

- Aamodt, A., & Plaza, E. (1994). *Case-based reasoning: Foundational issues, methodological variations, and system approaches*. AI Communications, 7(1), 39–59. <https://doi.org/10.3233/aic-1994-7104>
- Aczél, J., & Wagner, C. (1980). *A characterization of weighted arithmetic means*. SIAM Journal on Algebraic Discrete Methods, 1(3), 259–260. <https://doi.org/10.1137/0601029>
- Adomavicius, G., & Tuzhilin, A. (2005). *Toward the next generation of Recommender Systems: A survey of the state-of-the-art and possible extensions*. IEEE Transactions on Knowledge and Data Engineering, 17(6), 734–749. <https://doi.org/10.1109/tkde.2005.99>
- Ahuja, R., Solanki, A., & Nayyar, A. (2019). *Movie Recommender system using K-means clustering and K-nearest neighbor*. 2019 9th International Conference on Cloud Computing, Data Science & Engineering (Confluence), 263–268. <https://doi.org/10.1109/confluence.2019.8776969>
- Aljunid, M. F., & Huchaiah, M. D. (2021). *An efficient hybrid recommendation model based on collaborative filtering recommender systems*. CAAI Transactions on Intelligence Technology, 6(4), 480–492. <https://doi.org/10.1049/cit2.12048>
- Antunes, M., Gomes, D., & Aguiar, R. L. (2018). *Knee/elbow estimation based on first derivative threshold*. 2018 IEEE Fourth International Conference on Big Data Computing Service and Applications (BigDataService), 237–240. <https://doi.org/10.1109/bigdataservice.2018.00042>
- Billsus, D., & Pazzani, M. J. (1999). *A hybrid user model for news story classification*. CISM International Centre for Mechanical Sciences, 99–108. [https://doi.org/10.1007/978-3-7091-2490-1\\_10](https://doi.org/10.1007/978-3-7091-2490-1_10)
- Blanco-Fernández, Y., López-Nores, M., Gil-Solla, A., Ramos-Cabrer, M., & Pazos-Arias, J. J. (2011). *Exploring synergies between content-based filtering and spreading activation techniques in knowledge-based Recommender Systems*. Information Sciences, 181(21), 4823–4846. <https://doi.org/10.1016/j.ins.2011.06.016>
- Buder, J., & Schwind, C. (2012). *Learning with personalized recommender systems: A psychological view*. Computers in Human Behavior, 28(1), 207–216. <https://doi.org/10.1016/j.chb.2011.09.002>
- Burke, R. (2002). *Hybrid Recommender Systems: Survey and Experiments*. User Modeling and User-Adapted Interaction, 12(4), 331–370. <https://doi.org/10.1023/a:1021240730564>
- Caruana, R., & Niculescu-Mizil, A. (2006). *An empirical comparison of supervised learning algorithms*. Proceedings of the 23rd International Conference on Machine Learning - ICML '06. <https://doi.org/10.1145/1143844.1143865>
- Cho, Y. H., Kim, J. K., & Kim, S. H. (2002). *A personalized recommender system based on web usage mining and decision tree induction*. Expert Systems with Applications, 23(3), 329–342. [https://doi.org/10.1016/s0957-4174\(02\)00052-0](https://doi.org/10.1016/s0957-4174(02)00052-0)

- Christakou, C., Vrettos, S., & Stafylopatis, A. (2007). *A hybrid movie recommender system based on Neural Networks*. International Journal on Artificial Intelligence Tools, 16(05), 771–792. <https://doi.org/10.1142/s0218213007003540>
- Claypool, M., Gokhale, A., Miranda, T., Murnikov, P., Netes, D., & Sartin, M. M. (1999). *Combining Content-Based and Collaborative Filters in an Online Newspaper*. Proc. of Workshop on Recommender Systems Implementation and Evaluation.
- Colombo-Mendoza, L. O., Valencia-García, R., Rodríguez-González, A., Alor-Hernández, G., & Samper-Zapater, J. J. (2015). *Recommetz: A context-aware knowledge-based mobile recommender system for Movie Showtimes*. Expert Systems with Applications, 42(3), 1202–1222. <https://doi.org/10.1016/j.eswa.2014.09.016>
- Friedman, N., Geiger, D., & Goldszmidt, M. (1997). *Bayesian Network Classifiers*. Machine Learning, 29, 131–163. <https://doi.org/10.1023/a:1007465528199>
- Gandomi, A., & Haider, M. (2015). *Beyond the hype: Big Data Concepts, methods, and analytics*. International Journal of Information Management, 35(2), 137–144. <https://doi.org/10.1016/j.ijinfomgt.2014.10.007>
- Harper, F. M., & Konstan, J. A. (2015). *The movielens datasets*. ACM Transactions on Interactive Intelligent Systems, 5(4), 1–19. <https://doi.org/10.1145/2827872>
- Hassanieh, L. A., Jaoudeh, C. A., Abdo, J. B., & Demerjian, J. (2018). *Similarity measures for collaborative filtering recommender systems*. 2018 IEEE Middle East and North Africa Communications Conference (MENACOMM), 1–5. <https://doi.org/10.1109/menacomm.2018.8371003>
- Herlocker, J., Konstan, J. A., & Riedl, J. (2002). *An Empirical Analysis of Design Choices in Neighborhood-Based Collaborative Filtering Algorithms*. Information Retrieval, 5(4), 287–310. <https://doi.org/10.1023/a:1020443909834>
- Hopfield, J. J. (1988). *Artificial Neural Networks*. IEEE Circuits and Devices Magazine, 4(5), 3–10. <https://doi.org/10.1109/101.8118>
- Hu, Y., Xiong, F., Lu, D., Wang, X., Xiong, X., & Chen, H. (2020). *Movie collaborative filtering with multiplex implicit feedbacks*. Neurocomputing, 398, 485–494. <https://doi.org/10.1016/j.neucom.2019.03.098>
- Hu, Y., Zhang, D., Ye, J., Li, X., & He, X. (2013). *Fast and accurate matrix completion via truncated nuclear norm regularization*. IEEE Transactions on Pattern Analysis and Machine Intelligence, 35(9), 2117–2130. <https://doi.org/10.1109/tpami.2012.271>
- Isinkaye, F. O., Folajimi, Y. O., & Ojokoh, B. A. (2015). *Recommendation systems: Principles, methods and evaluation*. Egyptian Informatics Journal, 16(3), 261–273. <https://doi.org/10.1016/j.eij.2015.06.005>
- Jacquier, E., Kane, A., & Marcus, A. J. (2003). *Geometric or arithmetic mean: A reconsideration*. Financial Analysts Journal, 59(6), 46–53. <https://doi.org/10.2469/faj.v59.n6.2574>
- Katarya, R. (2018). *Movie recommender system with metaheuristic artificial bee*. Neural Computing and Applications, 30(6), 1983–1990. Lund

- Katarya, R., & Verma, O. P. (2017). *An effective collaborative movie Recommender System with cuckoo search*. Egyptian Informatics Journal, 18(2), 105–112. <https://doi.org/10.1016/j.eij.2016.10.002>
- Khusro, S., Ali, Z., & Ullah, I. (2016). *Recommender systems: Issues, challenges, and research opportunities*. Information Science and Applications (ICISA) 2016, 1179–1189. [https://doi.org/10.1007/978-981-10-0557-2\\_112](https://doi.org/10.1007/978-981-10-0557-2_112)
- Kim, B. M., Li, Q., Park, C. S., Kim, S. G., & Kim, J. Y. (2006). *A new approach for combining content-based and collaborative filters*. Journal of Intelligent Information Systems, 27(1), 79–91. <https://doi.org/10.1007/s10844-006-8771-2>
- Koren, Y. (2010). *Factor in the neighbors: Scalable and accurate collaborative filtering*. ACM Transactions on Knowledge Discovery from Data, 4(1), 1–24. <https://doi.org/10.1145/1644873.1644874>
- Koren, Y., Bell, R., & Volinsky, C. (2009). *Matrix factorization techniques for Recommender Systems*. Computer, 42(8), 30–37. <https://doi.org/10.1109/mc.2009.263>
- Linden, G., Smith, B., & York, J. (2003). *Amazon.com recommendations: Item-to-item collaborative filtering*. IEEE Internet Computing, 7(1), 76–80. <https://doi.org/10.1109/mic.2003.1167344>
- Lu, J., Wu, D., Mao, M., Wang, W., & Zhang, G. (2015). *Recommender System Application Developments: A survey*. Decision Support Systems, 74, 12–32. <https://doi.org/10.1016/j.dss.2015.03.008>
- Lund, J., & Ng, Y.-K. (2018). *Movie recommendations using the Deep Learning Approach*. 2018 IEEE International Conference on Information Reuse and Integration (IRI), 47–54. <https://doi.org/10.1109/iri.2018.00015>
- McSherry, D. (2004). *Explaining the pros and cons of conclusions in CBR*. Lecture Notes in Computer Science, 317–330. [https://doi.org/10.1007/978-3-540-28631-8\\_24](https://doi.org/10.1007/978-3-540-28631-8_24)
- Mobasher, B., Jin, X., & Zhou, Y. (2004). *Semantically enhanced collaborative filtering on the web*. Web Mining: From Web to Semantic Web, 57–76. [https://doi.org/10.1007/978-3-540-30123-3\\_4](https://doi.org/10.1007/978-3-540-30123-3_4)
- Oard, D. W., & Kim, J. (1998, July). *Implicit feedback for recommender systems*. In Proceedings of the AAAI workshop on recommender systems, 83, 81–83
- Pavitha, N., Pungliya, V., Raut, A., Bhonsle, R., Purohit, A., Patel, A., & Shashidhar, R. (2022). *Movie recommendation and sentiment analysis using machine learning*. Global Transitions Proceedings, 3(1), 279–284. <https://doi.org/10.1016/j.gltp.2022.03.012>
- Plackett, R. L. (1958). *Studies in the history of probability and statistics: VII. the principle of the arithmetic mean*. Biometrika, 45(1-2), 130–135. <https://doi.org/10.1093/biomet/45.1-2.130>
- Sarwar, B. M., Konstan, J. A., Borchers, A., Herlocker, J., Miller, B., & Riedl, J. (1998). *Using filtering agents to improve prediction quality in the grouplens research collaborative filtering system*. Proceedings of the 1998 ACM Conference on Computer Supported Cooperative Work - CSCW '98, 345–354. <https://doi.org/10.1145/289444.289509>

- Sarwar, B., Karypis, G., Konstan, J., & Reidl, J. (2001). *Item-based collaborative filtering recommendation algorithms*. Proceedings of the Tenth International Conference on World Wide Web, 285–295. <https://doi.org/10.1145/371920.372071>
- Schafer, J. B., Frankowski, D., Herlocker, J., & Sen, S. (2007). *Collaborative Filtering Recommender Systems*. The Adaptive Web, 291–324. [https://doi.org/10.1007/978-3-540-72079-9\\_9](https://doi.org/10.1007/978-3-540-72079-9_9)
- Smyth, B. (2007). Case-based recommendation. *The Adaptive Web*, 4321, 342–376. [https://doi.org/10.1007/978-3-540-72079-9\\_11](https://doi.org/10.1007/978-3-540-72079-9_11)
- Smyth, B., & Cotter, P. (2000). *A personalised TV listings service for the Digital TV age*. Knowledge-Based Systems, 13(2-3), 53–59. [https://doi.org/10.1016/s0950-7051\(00\)00046-0](https://doi.org/10.1016/s0950-7051(00)00046-0)
- Thakkar, P., Varma, K., Ukani, V., Mankad, S., & Tanwar, S. (2018). *Combining user-based and item-based collaborative filtering using machine learning*. Information and Communication Technology for Intelligent Systems, 173–180. [https://doi.org/10.1007/978-981-13-1747-7\\_17](https://doi.org/10.1007/978-981-13-1747-7_17)
- Walek, B., & Fojtik, V. (2020). *A hybrid recommender system for recommending relevant movies using an expert system*. Expert Systems with Applications, 158, 113452. <https://doi.org/10.1016/j.eswa.2020.113452>
- Wang, Z., Yu, X., Feng, N., & Wang, Z. (2014). *An improved collaborative movie recommendation system using Computational Intelligence*. Journal of Visual Languages & Computing, 25(6), 667–675. <https://doi.org/10.1016/j.jvlc.2014.09.011>
- Zhang, Q., Lu, J., & Jin, Y. (2020). *Artificial Intelligence in Recommender Systems*. Complex & Intelligent Systems, 7(1), 439–457. <https://doi.org/10.1007/s40747-020-00212-w>