
Cafe Selection Recommendation System in Semarang City Uses Collaborative Filtering Method with Item Based Filtering Algorithm

Sistem Rekomendasi Kafe di Kota Semarang Menggunakan Collaborative Filtering Dengan Algoritma Item Based Filtering

Alldie Refkrisnatta
Dewi Handayani

Stikubank University Semarang
Stikubank University Semarang

The cafe selection recommendation system in the city of Semarang aims to provide recommendations for users in finding the desired café according to the type of café expected. This recommendation system serves to predict an item that is of interest to the user. Implementation of recommendation system using Collaborative Filtering and Item Based Filtering algorithms. Collaborative filtering is a recommendation system algorithm where recommendations are given based on consideration of data from other users while the Item Based Filtering algorithm to provide recommendations based on similarities between customer tastes and café characteristics.

References

1. Adi, P. S. (2015, July). Course Value Recommendation System Using Content-Based Filtering Methods. In the National Seminar on Informatics (SEMNASIF) (Vol. 1, No. 1).
2. Fathurrahman, M., Nurjanah, D., & Rismala, R. (2017). Recommendation System on Books Using Trust-aware Recommendation Method. eProceedings of Engineering, 4(3).
3. Jepriana, I. Wayan, and Shofwan Hanief. 2020. "Analysis and Implementation of Item-Based Collaborative Filtering Method for Concentration Recommendation System in Stmik Stikom Bali". National Journal of Informatics Engineering Education: Janapati 9.2: 171-180.
4. Prasetyo, Bondan, Et Al. 2019. "Implementation of Item-Based Collaborative Filtering Method in The Provision of Recommendations for Prospective Buyers of Smartphone Accessories". Journal of Exploratory Exploration 9.1: 17-27.
5. Prasetyo, B., Haryanto, H., Astuti, S., Astuti, E. Z., & Rahayu, Y. (2019). Implementation of Item-Based Collaborative Filtering Method in The Provision of Recommendations for Prospective Buyers of Smartphone Accessories. Journal of Exploratory Informatics, 9(1), 17-27.
6. Setiawan, Yudi, Angga Nurwanto, and Aan Erlansari. 2019. "Implementation of Item Based Collaborative Filtering in The Provision of Android-Based Travel Agenda Recommendations". Pseudocode 6.1:13-20.
7. Wijaya, Anderias, and Deni Alfian. 2018. "Laptop Recommendation System Using Collaborative Filtering and Content-Based Filtering". Computech Journal & Business 12.1: 11-27.