Abstract

The huge amount of information encouraging the need of *recommender systems*. A *recommender system* is a software that can be used to produce item recommendations for user. The problems that exist in the construction of this system lies in the accuracy of recommendations. The most successful approaches to build a recommendation system is *collaborative filtering*. In this research, we compares two methods to construct *recommender system*. That methods is *association rule* and *most-frequent items*. From the previous research, *association rule* has higher performance than *matrix factorization* algortihms and *item-based recommendation* algorithm in determining recommendation. While *most-frequent items* methods can be used to generate recommendations based on most prefered items by another user. Later *recommender system* are analyzed and implemented by two methods that is *association rule method* and *most-frequent item*. The *recommender system* is applied to the movie data and produce film recommendation for user. The results of this research is the *precision* score of *Associaton rule* method is higher than the precision score of *most frequent item* method. The *precision* score of *association rule* is 0,38 and the *most-frequent item precision* score is 0,23.