

Abstract

There are many information that can be processed in a data collection. Association rule mining is one of the method used for discovering hiding information of data. Association rule mining which commonly used in market basket analysis actually can be implemented in recommender system area. Recommender system is an engine which recommends items that users may like and match to their profile. This application has been widely used in commercial site nowadays.

This project try to analyse implementation of association rule mining in recommender system and using EachMovie dataset as a data testing. Testing result shows good precision when recommendation process use 2-antecedent rules, but recall will have good results when using 1-antecedent rules.

Keyword : association rule mining, recommender system, Recall, Precision, FMeasure