

Abstract

Movie rating is like or unlike customer to the movie. If the value of rating movie is more higher then user more like this movie. Because number of films always increasingly and impossible for customer to choose all movie one by one to find they likely movie, so needed the system can do recommendation movie to customer. The ways is offer movie to customer where the movie has been predicted will be enjoy by customer.

This final project is used counterpropagation network (CPN) to build movie recommendation system to customer. CPN method will be clustered by customer based on pattern. So, if user have same pattern then they will be have same cluster too.

The data used for training, validating, testing, and predicting process comes from www.netflixprize.com website.

From the result experiment, the highest accuracy is 0.875 to the testing data and 0.963 to the predicting data.

Keyword : *movie rating, recommendation, counterpropagation network, training, validating, testing, predicting.*