

Experiment 7

Report

1. Explain the methodology of building train and test set in this experiment. Why can't we just use random sampling?
2. In step 4, can we use mean rating of movie or number of ratings for movie for rankings? Give reason for your answer.
3. Differentiate between the two models (Bayesian Mean v/s Collaborative Filtering) used for recommendations in this experiment.
4. Differentiate between the three metrics used in this study: Hitrate@K, mean Reciprocal Rank and Normalized Discounted Cumulative Gain. Do I always need more than one metric for such analysis. Give reason for your answer.
5. Explain your answers in step 7 and 8.