

Pitch:

Here, I present you the best pairing algorithm for user ratings ever seen. Or not, anyway it is a new way of pairing specific data. The main feature of my algorithm is of course the part where the users are being compared with the other user. In this part users are being compared on two important mathematical comparators. These comparators are the Jaccard coefficient and the adjusted cosine similarity. The difference between these, is that the Jaccard looks at the actually filled in ratings (ratings > 0) and the Cosine checks the similarity of the mean centered vectors of two users. Besides this the rest of the algorithm is also important, because these parts read the ratings file and write the output.