**Correlation based recommender**

Offers a basic form of collaborative filtering, as items are recommended based on similarities in their user review. To some extent, they take user preferences into in to account.

I am going to build a system which uses Pearson’s R correlation coefficient to recommend a film which is the most similar to the film a customer has already watched, based on similarity between customer ratings.

**The Pearson’s R correlation coefficient**

A measure of linear correlation between two variables – in this case two film ratings.

When you have an R value which is close to 1 or negative 1 you know you have a strong linear relationship between two variables. As the R value gets closer to 0, you know that the two variables are not linearly correlated.

Write some more stuff.

**My Recommender…**

So I am going to approach my item-based collaborative filtering recommender using this correlation concept.

I am going to make an item-based recommendation system based on the Pearson’s correlation. This recommender compares films based on user ratings.