

Assignment 1 Report

Members

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Top 3 Answerers

Id	Count
9913	2838
177980	2318
1204	2042

Top 3 Tags

Id	Count
609	5162
249	4931
76	4928

The dimensions of the expert matrix are 1160×973.

Summation value of the utility matrix is 41180.

Highest row sum of the utility matrix is 1162.

Highest column sum of the utility matrix is 1403.

Summation value of the train matrix is 32047.

Dimension of the test matrix is 174×146.

Summation value of test matrix is 642.

4)

Method	Rating Prediction Function	Metric	N=2	N=3	N=5
Item-Item	Simple Average	RMSE	0.9741	0.7659	0.8546
Item-Item	Weighted Average	RMSE	0.8251	0.7415	0.5467
User-User	Simple Average	RMSE	0.8530	0.7999	0.7451
User-User	Weighted Average	RMSE	0.6942	0.6782	0.6553