Best Measurements

SVD Collaborative Filtering Model

• Root Mean Squared Error RMSE = 1.68

• Sample Size, Processing, and Run Time

Algorithm	test_rmse	fit_time	test_time
BaselineOnly	1.681681	0.257920	0.107569
KNNBaseline	1.685746	37.508069	0.907801
SVDpp	1.691896	4.751643	0.268334
KNNBasic	1.816260	38.645313	0.776364
CoClustering	1.916306	3.751720	0.090993
KNNWithMeans	1.917621	42.936576	0.566995
KNNWithZScore	1.923453	39.927913	0.652976
SlopeOne	1.926064	7.248795	0.162993
NMF	2.354061	5.463283	0.107131
NormalPredictor	2.453634	0.059252	0.109642