

Sample tables from users in top 10 prediction MAE.

User Ratings and Predictions for User 849

Model MAE: 0.23

Average Rating MAE: 1.28

User Average Rating: 4.87

Average Rating	User Rating	Model Prediction	Weight	Coefficient
3.775	5.0	4.86666666667		0.0
3.76804123711	5.0	4.86666666667		0.0
3.64782608696	4.0	4.86666666667		0.0
4.10460251046	5.0	4.86666666667		0.0
3.77815699659	5.0	4.86666666667		0.0
3.00833333333	5.0	4.86666666667		0.0
4.25238095238	5.0	4.86666666667		0.0
3.87134502924	5.0	4.86666666667		0.0

User Ratings and Predictions for User 33

Model MAE: 0.49

Average Rating MAE: 0.55

User Average Rating: 3.71

Average Rating	User Rating	Model Prediction	Weight	Coefficient
3.51595744681	3.0	3.95048394238	Thriller	0.0929838508641
3.42372881356	4.0	3.91291163502	Average Rating	0.136846301352
3.23222748815	4.0	3.74191354491		0.0
3.63109048724	4.0	3.99738709849		0.0
3.2962962963	4.0	3.86099789047		0.0
3.21698113208	3.0	3.82868630106		0.0
3.10833333333	3.0	3.78442511725		0.0
3.27205882353	3.0	3.85112397448		0.0

User Ratings and Predictions for User 507

Model MAE: 0.39

Average Rating MAE: 1.53

User Average Rating: 4.72

Average Rating	User Rating	Model Prediction	Weight	Coefficient
3.15670103093	5.0	4.46613566383	Comedy	-0.399907179445
3.27205882353	5.0	4.86604284327	Musical	-0.174058464119
2.65934065934	5.0	4.46613566383	black-comedy	-0.601875156541
3.74587458746	5.0	4.46613566383	love	-0.0803952665938
1.89473684211	5.0	4.46613566383	beach	-0.101906024789
3.76804123711	5.0	4.86604284327		0.0
3.44142259414	5.0	4.86604284327		0.0
3.4598540146	5.0	4.86604284327		0.0
3.23222748815	5.0	4.86604284327		0.0
3.10833333333	5.0	4.86604284327		0.0
3.6602739726	5.0	4.86604284327		0.0
3.21501706485	5.0	4.86604284327		0.0
3.4	5.0	3.86426050729		0.0
3.69312169312	3.0	4.26416768673		0.0
3.94791666667	5.0	4.86604284327		0.0
3.43822843823	5.0	4.86604284327		0.0
4.24571428571	5.0	4.86604284327		0.0
3.80353634578	4.0	4.76413681848		0.0
3.22413793103	5.0	4.76413681848		0.0
3.42424242424	4.0	4.69198437915		0.0

Sample tables from users in bottom 10 prediction MAE.

User Ratings and Predictions for User 739

Model MAE: 1.21

Average Rating MAE: 1.30

User Average Rating: 3.60

Average Rating	User Rating	Model Prediction	Weight	Coefficient
3.42777777778	3.0	4.45715732158	Average Rating	-0.206809863981
3.94718309859	1.0	3.48746698362	battle	0.110191559744
3.30434782609	5.0	4.31495718424	library	-0.512464082902
4.18421052632	4.0	3.96795816793	blockbuster	0.0948064723028
3.56470588235	1.0	3.47379640746	title-spoken-by-character	0.505938367357
3.37714285714	5.0	4.77021183373	face-slap	0.0111535136491
4.06091370558	4.0	4.19699570716	murder	0.688623888672
4.10460251046	1.0	2.98333672637	friendship	0.11540886642
4.00677966102	5.0	3.76336889173	father-son-relationship	0.20922684406
4.04464285714	4.0	4.50254286047		0.0
4.35849056604	4.0	3.9363659583		0.0
3.44142259414	1.0	4.22936735954		0.0

User Ratings and Predictions for User 229

Model MAE: 1.40

Average Rating MAE: 1.35

User Average Rating: 2.73

Average Rating	User Rating	Model Prediction	Weight	Coefficient
4.19642857143	1.0	2.97759283472	Film-Noir	0.615737443279
3.65454545455	5.0	3.7975627846	Average Rating	0.119543122706
4.24571428571	2.0	2.40611468976	black-comedy	0.39534654507
3.42777777778	3.0	2.27328296156	investigation	0.137341997455
2.61538461538	1.0	2.06208864125	photograph	0.693177925846
3.77272727273	4.0	2.28315431128	prostitute	0.584290737936
3.42372881356	1.0	2.19242669837	independent-film	0.960840949114
2.7358490566	1.0	3.0912220199	murder	0.0798036715562
3.10833333333	3.0	2.19023837743	class-differences	0.0369758122094
3.07547169811	1.0	3.83571435588		0.0

User Ratings and Predictions for User 50

Model MAE: 1.85

Average Rating MAE: 1.25

User Average Rating: 3.54

Average Rating	User Rating	Model Prediction	Weight	Coefficient
3.37837837838	5.0	4.3548236273	Average Rating	-0.108591894035
2.87804878049	3.0	4.72582542729	cult-film	-0.442522591945
3.89632107023	4.0	4.13866796128	jealousy	-0.174389176139
2.546875	1.0	4.82123734761	love	-0.293790900482
3.37714285714	3.0	4.58203528725	father-son-relationship	-1.22576054968
3.55737704918	2.0	4.2363185056	singing	-0.0524865273268
4.05347593583	1.0	3.16142163743	divorce	0.0362059061471
3.65696465696	2.0	4.5014179895		0.0