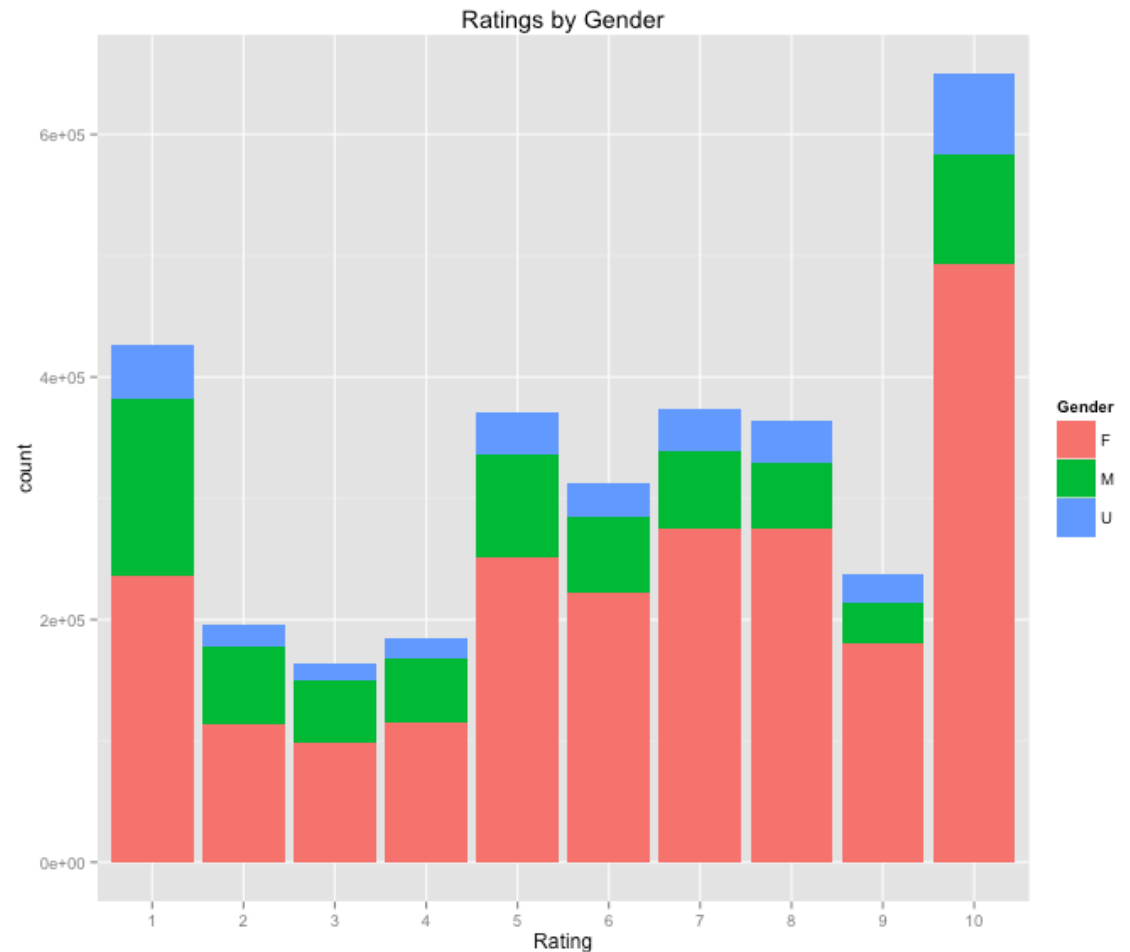


True Love Is An Algorithm

- Collaborative Filtering
- Mean Adjusted KNN
- *Conditional* KNN Mean
 - *Of those that rated Profile,*
pick K Closest
- Improve On This
 - Review High Residual Ratings
 - Gender
 - 1's and 10's
 - Latent Variables
 - ADA Boost & Ridge



True Love Is An Algorithm

- Final – Decision Tree
 - K.SD
 - ADA1 & ADA10
 - Ridge / KNN Mean

Step	RMSE (TEST)	% Classified
K.SD = 0	.256	18 %
ADA.1	.673	8 %
ADA.10	.752	7 %
Ridge/KNN Mean	1.502	67 %

Gender	RMSE (TEST)	% Sample
F	1.507	72 %
M	.740	18 %
U	.726	10 %

