

1 Data Formatting

Methods

Modifications

2 Basic Visualizations

Methods

Observations

What, in general, did you observe? Did the results match what you would expect to see? How do the ratings from the most popular movies compare to the ratings of the best movies? How do the ratings of the three genres you chose compare to one another?

1. All ratings in the MovieLens Dataset.
2. All ratings of the ten most popular movies (movies which have gotten the most ratings).
3. All ratings of the ten best movies (movies with the highest average ratings).
4. All ratings of movies from three genres of your choice (create three separate visualizations for this problem).

3 Matrix Factorization Visualization

Packages Used

Algorithm

Observations

Your report should contain a section dedicated to matrix factorization visualizations. What, in general, did you observe? Did the results match what you would expect to see? How does the visualization of the most popular movies compare to that of the best movies? How do the visualizations of the three genres you chose compare to one another?

4 Conclusion

Division of work

Shari:

Carly:

Discoveries

What are your conclusions/observations about the models you used and the visualizations generated?

Challenges

Concluding Remarks

Our code is available at [this](#) github repo.