

- **Group members**

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- **Team name**

Team Segfault

## 1 Basic Visualizations

### All ratings in the MovieLens Dataset

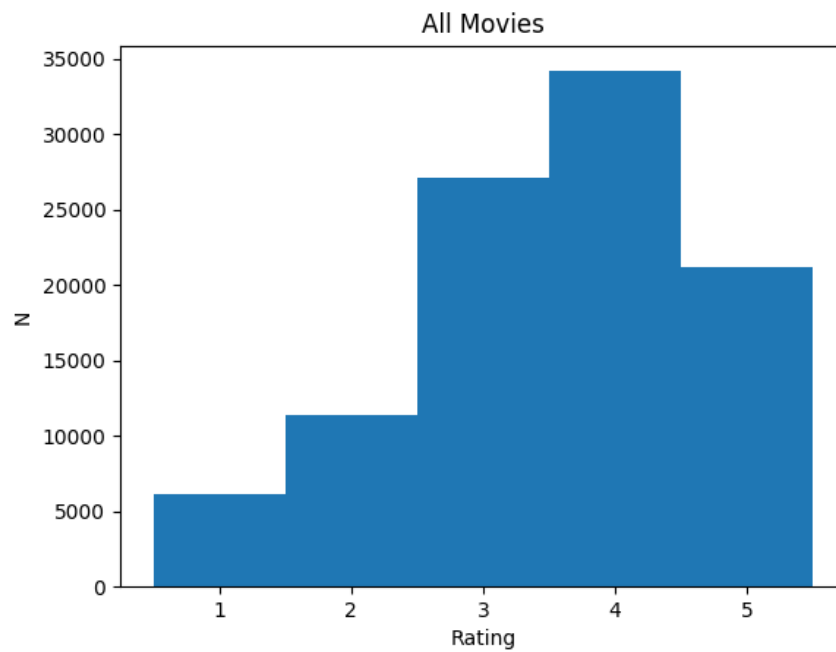


Figure 1: All ratings.

### All ratings of the ten most popular movies

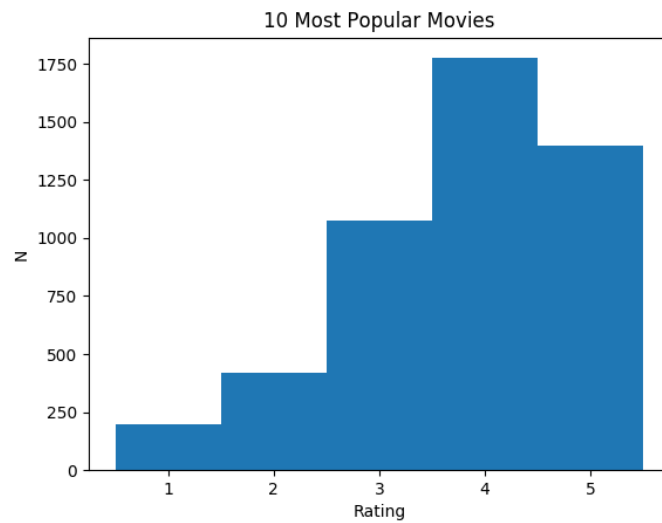


Figure 2: 10 most popular ratings.

### All ratings of the ten best movies

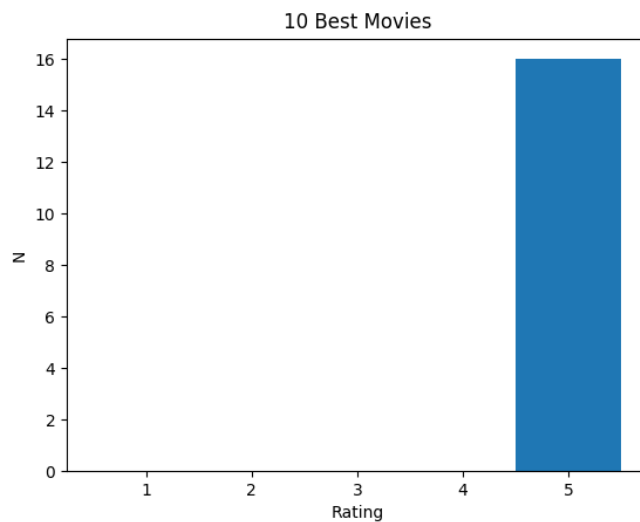


Figure 3: 10 best ratings.

### All ratings of movies from three genres

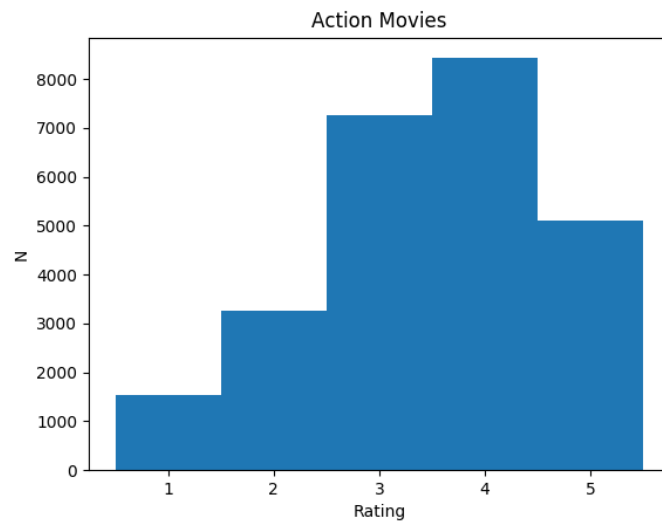


Figure 4: Action ratings.

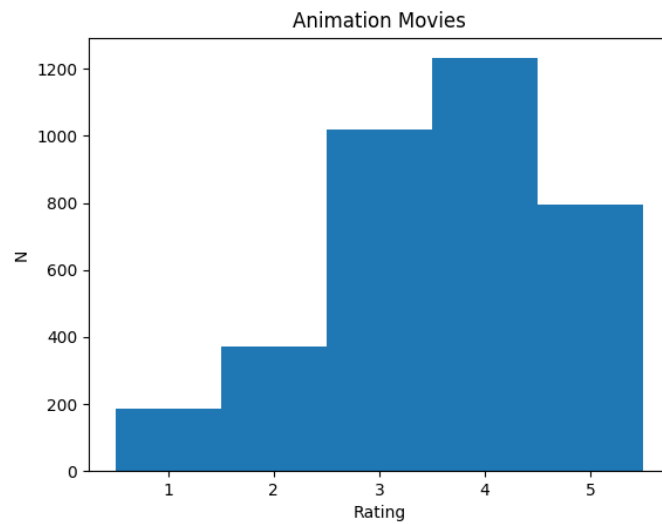


Figure 5: Animation ratings.

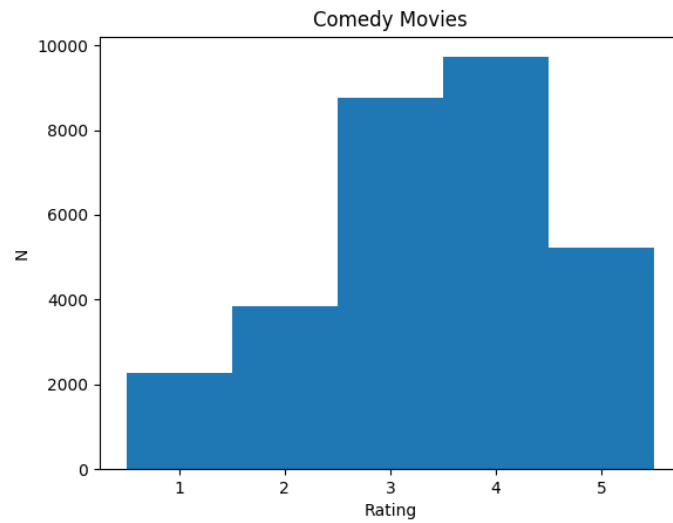


Figure 6: Comedy ratings.

## 2 Matrix Factorization Visualizations

Any ten movies of your choice from the MovieLens dataset.

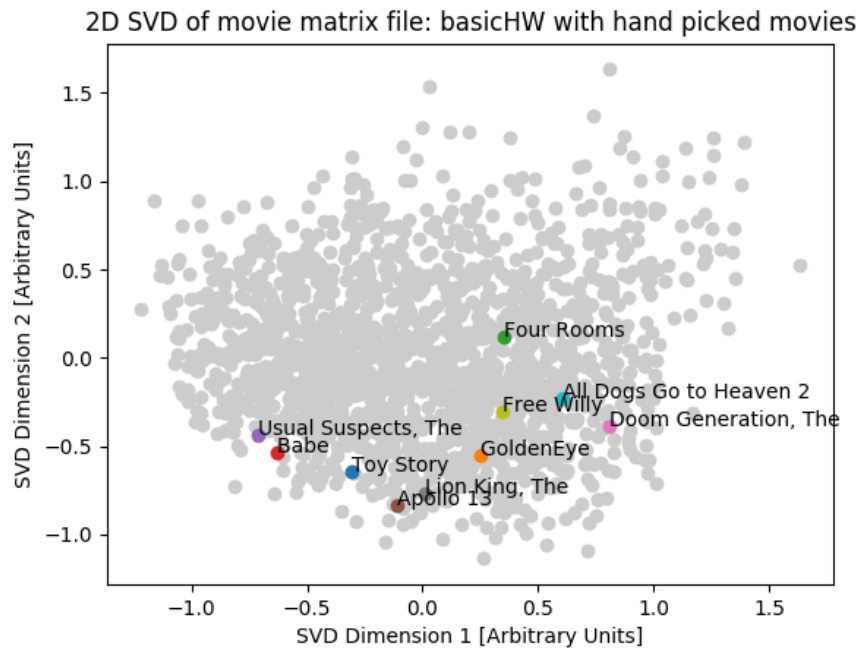


Figure 7: Ten handpicked movies, using basic factorization from HW5.

### The ten most popular movies

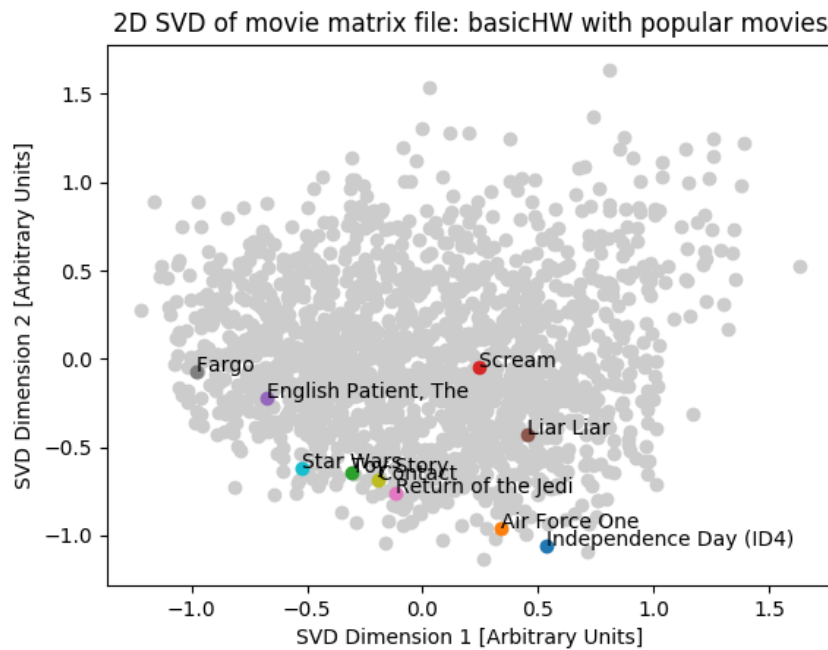


Figure 8: Ten most popular movies, using basic factorization from HW5.

### The ten best movies

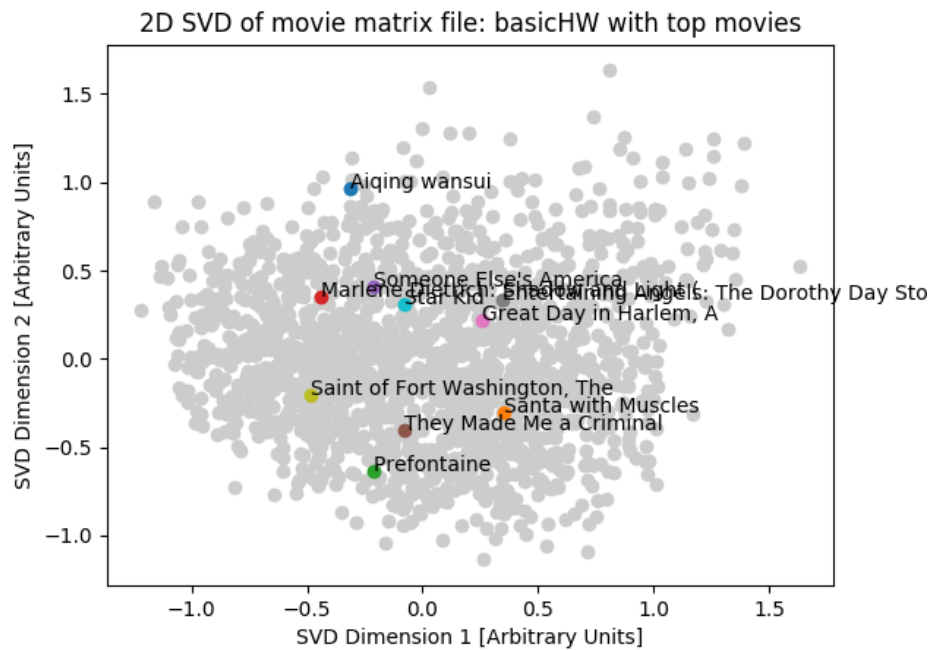


Figure 9: Ten best movies, using basic factorization from HW5.

### Ten movies from the three genres selected in Section 4

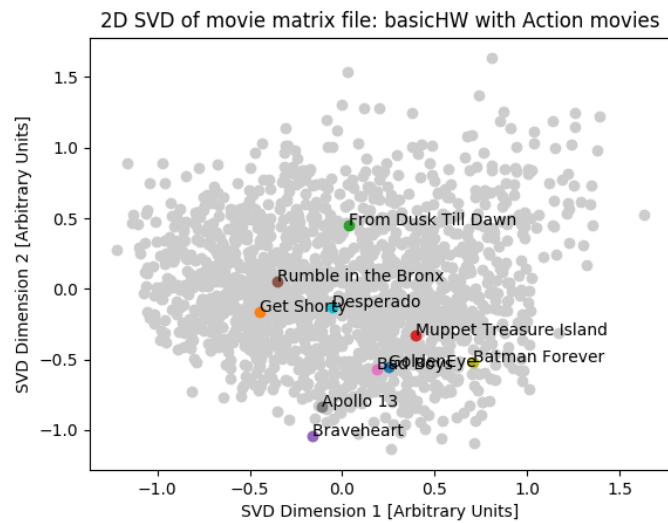


Figure 10: Ten action movies, using basic factorization from HW5.

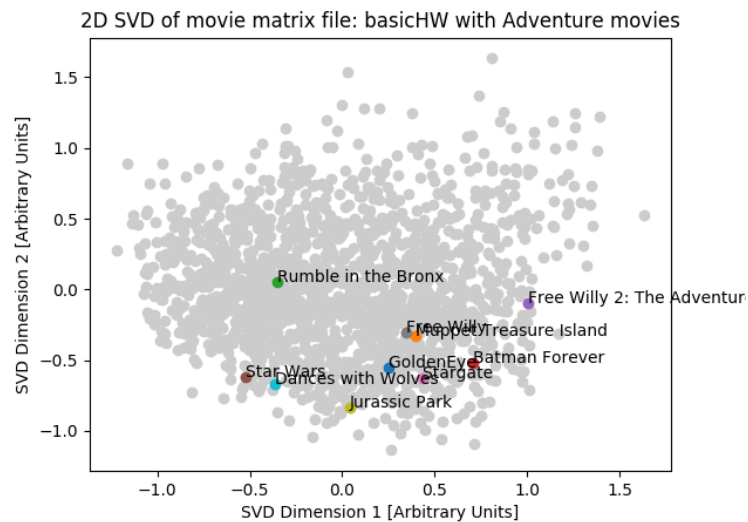


Figure 11: Ten adventure movies, using basic factorization from HW5.



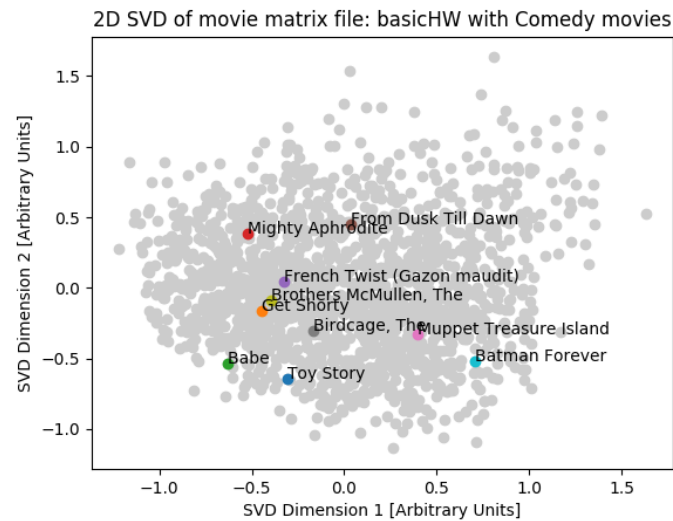


Figure 12: Ten comedy movies, using basic factorization from HW5.