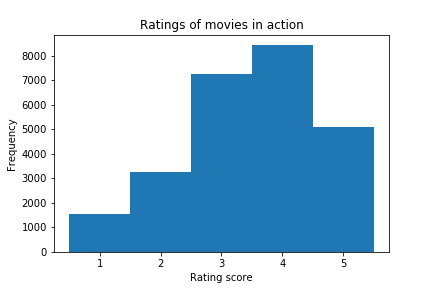
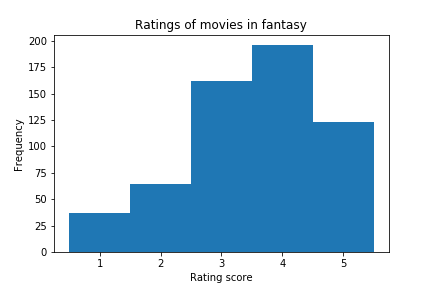
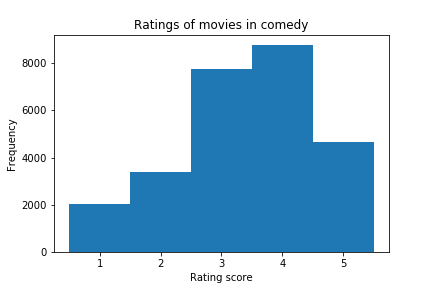
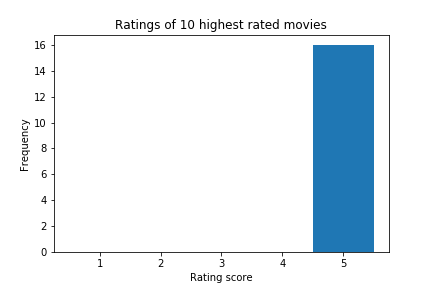
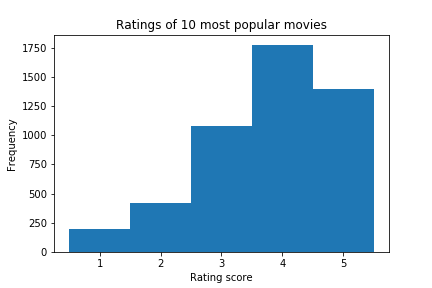
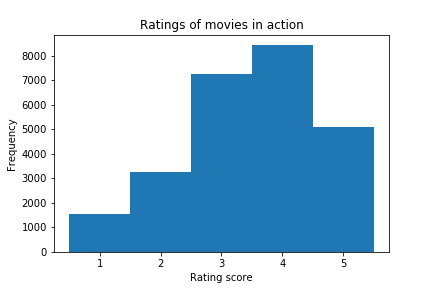
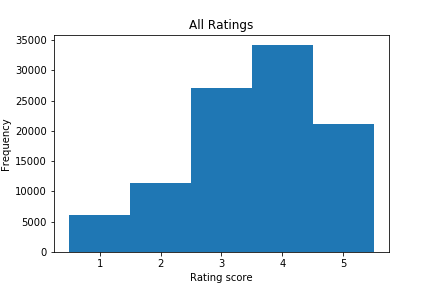
CS 155 Machine learning and data mining

Project 2

Team name: mLisMypAsSioN

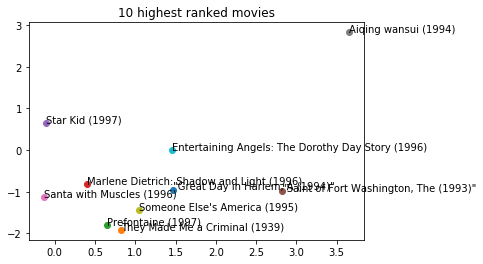
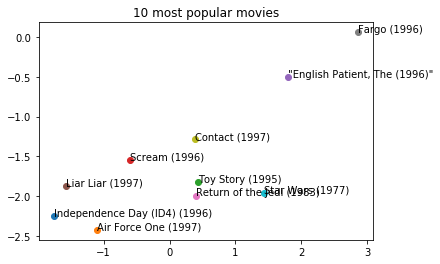
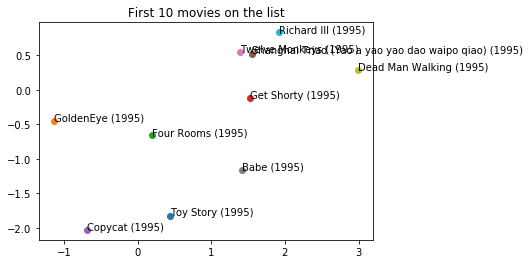
Team members: Ayan Bandyopadhyay, Sarah Kreider, Jieni Li

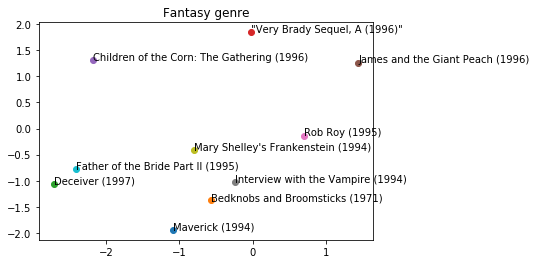
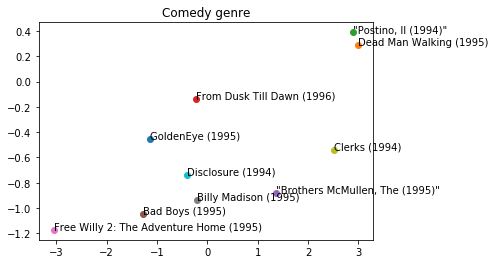
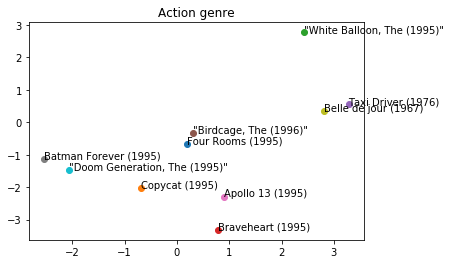
1. Basic visualizations



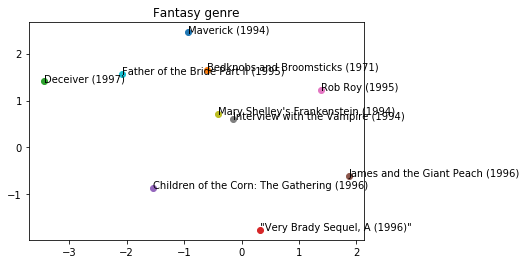
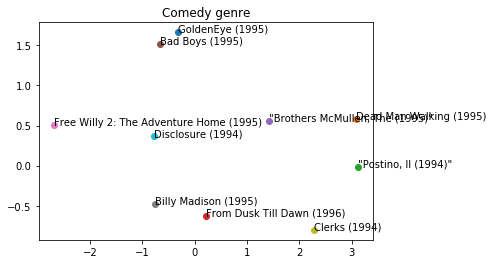
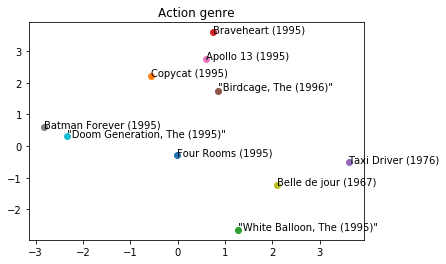
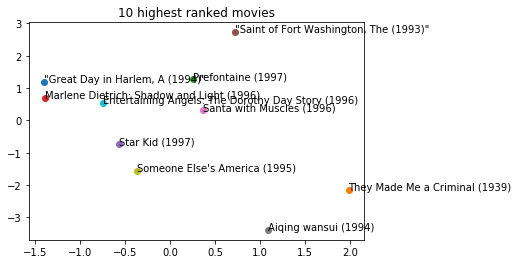
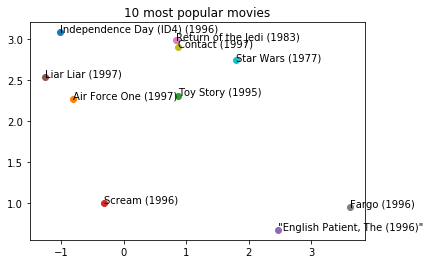
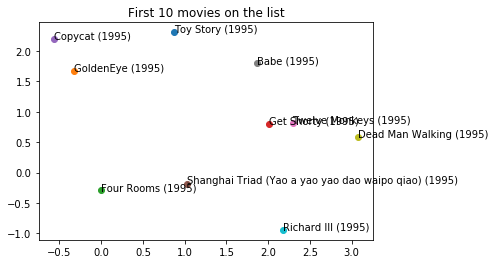
1. Matrix Factorization Visualizations

Method 1: Implementation without bias terms





Method 2: Implementation with biases for each use and movie



Method 3: Off the shelf SVD (scipy)

