Movie Data Analysis

grunt> moviesdata= load 'moviesdataset.txt' using PigStorage(',') as (MovieID: int,Name:chararray,yearOfRelease: int, rating: float,duration: int);

grunt> movRelease = filter moviesdata by yearOfRelease > 1950 and yearOfRelease < 1960;

grunt> movlist = foreach movRelease generate Name,yearOfRelease;

movieRating= filter moviesdata by rating>4;

movRatingList = foreach movieRating generate Name,rating;

movieRating= filter moviesdata by rating>3 and rating<4;

movBtw = foreach movieRating generate Name,rating;

movduration = filter moviedata by duration >7200;

movduration = foreach movduration generate Name,duration;

moviYrWise= group moviesdata by yearOfRelease;

movYear= foreach moviYrWise generate group,moviesdata.Name;

store movYear into 'MovieYearWise.text' using PigStorage(',');

movCounter = foreach movieCount generate group,COUNT(moviedata.Name) as count;

mvct = group movCounter all;

mvctt= foreach mvct genreate SUM(count) as totalcount;