

	<pre>user = user.sort_values(by=['userId', 'rating', 'average_vote'], ascending=[True, False, False]).groupby('userId').head(5)</pre> #get top 5 movies for user def getTopMov(uid):
In [156]:	<pre>def getTopMov(uid) : return user[user['userId']==uid].title.values #recommendation by finding 10 highest pair similartly from list of movies def get_recommendations2(title,cosine_sim): sim_scores=[] for i in title: # Get the index of movie idx = indices[i]</pre>
T~	<pre># pair similarity scores sim_scores = sim_scores + list(enumerate(cosine_sim[idx])) # Sort the movies based on similarity scores sim_scores = sorted(sim_scores, key=lambda x: x[1], reverse=True) sim_scores = sim_scores[5:15] movie_indices = [i[0] for i in sim_scores] return df['title'].iloc[movie_indices]</pre>
Out[157]:	Day of the Dead Charlotte Sometimes Camouflage Invasion of the Body Snatchers The Care Bears Movie That Sugar Film
In [159]:	The Care Bears Movie That Sugar Film 8297 King Solomon's Mines 4250 Critters 11502 Meet the Robinsons Name: title, dtype: object #recommendation by finding 3 highest pair similartiy for each movie in list def get_recommendations3(title,cosine_sim): sim_scores_final =[] for i in title: # Get the index of movie
Out[160]:	<pre>return df['title'].iloc[movie_indices] getTopMov(10) array(['The Usual Suspects', 'The Matrix', 'Sling Blade',</pre>
In []: [In []: [In []: [