

Import output recommendation lists from respective '.py' files

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In [6]: from release_date_model_functionExtractor import recommendations
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In [7]: from Unsupervised_Learning_NLP_model_functionExtractor import recommended_list
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In [8]: dummy_var = 1
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In [12]: # get recommendations when the user is habituated to the system/ has watched movies at least 1
# regard this section as 'YOUR RECOMMENDATIONS'
# this is the part where system is computing tf-idf and cosine similarity score of given movie
if dummy_var == 2:
    print(recommended_list)
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[('Batman', (74, 1.0000000000000002)), ('Batman', (3613, 0.7882764495112946)), ('Batman Beyond: Return of the Joker', (1088, 0.34854764718007625)), ('Batman', (3614, 0.30294178814780276)), ('Batman: Mask of the Phantasm', (481, 0.2576023551447381)), ('Batman Returns', (170, 0.2566420670506792)), ('The Dark Knight Rises', (1665, 0.22453651601179225)), ('Batman: Mystery of the Batwoman', (1842, 0.2097236687413326)), ('Batman Unlimited: Monster Mayhem', (2280, 0.20083396042908383)), ('Don 2: The King is Back', (1902, 0.1950749143985438)), ('Batman Begins', (1151, 0.1898470677485672)), ('The Dark Knight', (1340, 0.18009635633978363)), ('Batman v Superman: Dawn of Justice', (2268, 0.17639810271945652)), ('The Dark Knight', (2612, 0.17048426952925047)), ('The Lego Batman Movie', (2503, 0.16852282391422488)), ('Batman v Superman: Dawn of Justice', (2576, 0.16356346858013965)), ('Batman: Bad Blood', (2370, 0.15673451514699763)), ('Batman & Robin', (194, 0.15596240100844638)), ('People I Know', (4368, 0.14791446955174228)), ('Batman Forever', (16, 0.14657504789959522)), ('Hoffa', (3660, 0.1431661658121316)), ('The Two Jakes', (475, 0.14077192634195745)), ('John Wick: Chapter 2', (2506, 0.13657588137310855)), ('Batman vs. Robin', (2195, 0.13530673028875553)), ('Primary Colors', (3038, 0.13189474971587486)), ('The Postman Always Rings Twice', (4864, 0.12822300739872855)), ('Wolf', (2977, 0.1278566275462894)), ('Pitch Black', (492, 0.12778683138833033)), ('Nine 1/2 Weeks', (559, 0.1275173777032935)), ('Good Morning, Vietnam', (4758, 0.1275005281809127)), ('1920: Evil Returns', (2384, 0.12700069214251444)), ('Dancin' It's On', (4909, 0.1263770629887573)), ('Mars Attacks!', (2893, 0.12627453817892556)), ('Pusher', (1075, 0.1261730470325418)), ('Batman Unlimited: Animal Instincts', (2200, 0.1260256765336355)), ('Batman Beyond: The Movie', (2565, 0.12566749079343595)), ('Cold War', (2330, 0.12560937516235354)), ('Justice League: The Flashpoint Paradox', (1830, 0.125399795712799)), ('Underworld: Rise of the Lycans', (1415, 0.12507004580057685)), ('Ed Wood', (4450, 0.12472349974454501)), ('The Departed', (2801, 0.12428144623736025)), ('Cellular', (3375, 0.12415746607007513)), ('Richard The Lionheart', (2128, 0.12198551762971434)), ('Golgo 13: The Professional', (2248, 0.12084284311743165)), ('Free State of Jones', (3296, 0.12023739092513605)), ('Corpse Bride', (3809, 0.1200271727816662)), ('42', (3453, 0.11938436079227747)), ('Batman: The Dark Knight Returns, Part 1', (1754, 0.11935448950575889)), ('Sleepaway Camp IV: The Survivor', (2328, 0.11857888021047301)), ('Batman: The Dark Knight Returns, Part 2', (1777, 0.11838553268989167)), ('Trancers 3: Deth Lives', (1921, 0.11832225524590517)), ('Up In Smoke', (1781, 0.11726492923554868)), ('The Thief and the Cobbler', (4138, 0.11677000432438815)), ('Dum Maaro Dum', (5475, 0.11562291312214577)), ('Hobgoblins', (2501, 0.1155900735992284)), ('Planet of the Apes', (2753, 0.11545339658070419)), ('Megazone 23 III', (2435, 0.1150315903827425)), ('Alleluia! The Devil's Carnival', (6382, 0.11501449561500131)), ('The Dentist 2: Brace Yourself', (2066, 0.11481811500972403)), ('Hell Comes to Frogtown', (1063, 0.11434072838680877)), ('Night Watch', (1129, 0.11414947528002493)), ('The Human Condition II: Road to Eternity', (1038, 0.1140907120203779)), ('Safe Men', (6223, 0.11407358598689898)), ('Underworld', (898, 0.11349724967257159)), ('I Dreamed of Africa', (3711, 0.11309639019229233)), ('Big Fish', (2976, 0.11274098650105108)), ('The Bridge on the River Kwai', (5783, 0.11263413581599135)), ('My Stepmother is an Alien', (4545, 0.1125741630127272)), ('Street Fighter II: The Animated Movie', (1074, 0.11220064998467068)), ('City By The Sea', (3518, 0.11202852748828687)), ('Last Orders', (4881, 0.11198949025589265)), ('City of Ember', (3584, 0.11177546536462127)), ('Dracula Untold', (2981, 0.11134870046112612)), ('Alone in the Dark', (1125, 0.11110147466999527)), ('The Day After Tomorrow', (2708, 0.11091269431386452)), ('The Shining', (4385, 0.11082707193708884)), ('Dinner for Schmucks', (3010, 0.11081109773221778)), ('A Most Violent Year', (4344, 0.11064651453776701)), ('Quest for Camelot', (3517, 0.11061145432333823)), ('Something's Gotta Give', (2860, 0.11057548147546284)), ('Multiplicity', (3383, 0.10996374722545321)), ('Batman: The Dark Knight Returns, Part 2', (5746, 0.10963958146009181)), ('The Messengers 2: The Scarecrow', (1644, 0.10920274467956981)), ('Transformers: Age of Extinction', (2591, 0.10907552403542463)), ('The Charge of the Light Brigade', (6150, 0.108873513428747)), ('The Company', (4674, 0.10852951859612676)), ('The Tree of Life', (3684, 0.10837658743741393)), ('Outside Providence', (5308, 0.10816964005195273)), ('Midnight Cabaret', (6444, 0.1079414573153394)), ('Little Fockers', (1573, 0.10746199156624851)), ('A Good Day to Die Hard', (1789, 0.10693047397980338)), ('Fantastic 4: Rise of the Silver Surfer', (1295, 0.10690308293175427)), ('Tribulation', (2171, 0.1068919516621178)), ('The Statement', (3962, 0.1068837384197001)), ('Teenage Mutant Ninja Turtles', (2723, 0.10685624423590581)), ('The Lord of the Rings: The Return of the King', (927, 0.10673476005829874)), ('End of Days', (2766, 0.10649826527757983)), ('MVP 2: Most Vertical Primate', (2084, 0.10627716381239381)), ('The Rite', (3608, 0.1062260754294021)), ('A Good Day to Die Hard', (2795, 0.10619323402837745))]
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In [10]: # get recommendations when a user first logs in/ enters in the system
# because we have no idea of his tastes
# regard this section as 'MOVIES YOU MAY ALSO LIKE'

if dummy_var == 1:
    print(recommendations)
    dummy_var = 2
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[('Discovering the Real World of Harry Potter', 2002), ('Tony Hawk's Trick Tips: Vol. 3: Secrets of Skateboarding', 2002), ('Andy Warhol: The Complete Picture', 2002), ('Stoked: The Rise and Fall of Gator', 2002), ('Sports Illustrated Swimsuit Edition: 2002', 2002), ('The Best of Too Hot for Troma's Edge TV: Vol. 1', 2002), ('The Anarchist Cookbook', 2002), ('BaadAsssss Cinema', 2002), ('Sting of the Black Scorpion', 2002), ('Empire', 2002)]
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In [ ]:
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