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python run_test.py -m RankAggregated -d ml-1m / (lastfm)
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python run_test.py -m RankNearest -d ml-1m / (lastfm)
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python run_test.py -m RankFixed -d ml-1m / (lastfm)
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1. To run the evaluation with noise injection

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100%|██████████| 10/10 [00:02<00:00, 3.39it/s]
17 Nov 20:36 INFO Received OpenAI Responses
40%|██████████| 79/200 [00:00<00:00, 719.03it/s]R
obocop
['The Basketball Diaries', 'Universal Soldier: The Return', 'Up Close and Personal', 'Hocus Pocus', 'Friday the 13th
Part VIII: Jason Takes Manhattan', 'Phantasm II', 'The Crossing Guard', 'Like Water for Chocolate (Como agua para cho
colate)', "The Brain That Wouldn't Die"]
100%|██████████| 200/200 [00:00<00:00, 796.22it/s]
17 Nov 20:36 INFO SAVE DONE! Path: dataset/ml-1m\output_files\final11_gpt-3.5-turbo_ml-1m_RankAggregated_output_2
020.json
17 Nov 20:36 INFO recall@1 - 0.125 recall@5 - 0.47 recall@10 - 0.655 recall@20 - 0.995 recall@50 - 0
.995 ndcg@1 - 0.125 ndcg@5 - 0.2955 ndcg@10 - 0.3555 ndcg@20 - 0.4404 ndcg@50 - 0.4404
(t3m_env) PS C:\Users\HARIKA\OneDrive\Desktop\nlp_sum\LLMSRec_Syn>
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```
python run_test.py -m RankAggregated -d ml-1m --noise_type truncate --
noise_ratio 0.3
```

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100%|████████████████████████████████████████████████████████████████████████████████| 10/10 [00:03<00:00, 2.73it/s]
17 Nov 20:48 INFO Received OpenAI Responses
100%|████████████████████████████████████████████████████████████████████████████████| 200/200 [00:00<00:00, 982.80it/s]
17 Nov 20:48 INFO SAVE DONE! Path: dataset/ml-1m\output_files\final11_gpt-3.5-turbo_ml-1m_RankAggregated_output_2020.json
17 Nov 20:48 INFO recall@1 - 0.27 recall@5 - 0.58 recall@10 - 0.765 recall@20 - 1.0 recall@50 - 1.0 ndcg@1 - 0.27 ndcg@5 - 0.4339 ndcg@10 - 0.4929 ndcg@20 - 0.5504 ndcg@50 - 0.5504
(t3m_env) PS C:\Users\HARIKA\OneDrive\Desktop\nlp_sum\LLMSRec_Syn>

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python run_test.py -m RankAggregated -d ml-1m --noise_type Duplicate --noise_ratio 0.3

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'Persuasion', 'Meet the Deedles', 'In Search of the Castaways', 'Audrey Rose', 'The Jungle Book', 'It Conquered the World', 'Affliction']
Westworld
['Young Frankenstein', 'Grand Canyon', 'Four Weddings and a Funeral', 'Room at the Top', 'A Soldier's Daughter Never Cries', 'Bad Boys', 'Rambo: First Blood Part II', 'Mad Max Beyond Thunderdome', 'Running Scared', 'The NeverEnding Story III', 'Tom & Viv', 'Jefferson in Paris', 'Jack', 'The Apple Dumpling Gang Rides Again', 'Pale Rider', 'Bram Stoker's Dracula', 'Gandhi', 'F/X', 'Run Lola Run (Lola rennt)']
Who's Afraid of Virginia Woolf?
['The Last Temptation of Christ', 'The African Queen', 'The Paradine Case', 'Red Sorghum (Hong Gao Liang)', 'Top Hat', 'Run Lola Run (Lola rennt)', 'The Secret of Roan Inish', 'The Myth of Fingerprints', 'Broken English', 'The Yards', 'Run Silent, Run Deep', 'Canadian Bacon', 'The Brandon Teena Story', 'Nosferatu (Nosferatu, eine Symphonie des Grauens)', 'Dracula', 'Sliding Doors', 'Unzipped', 'The Rich Man's Wife', 'Porky's']
49%|████████████████████████████████████████████████████████████████████████████████| 98/200 [00:00<00:00, 896.69it/s]
op Land
['Kolya', 'Lone Star', 'My Giant', 'The Greatest Show on Earth', 'Aiqing wansui', 'Jar, The (Khomreh)', 'Delta of Venus', 'Star Trek III: The Search for Spock', 'Psycho II', 'Addicted to Love', 'Shaft', 'Under Capricorn', '2 Days in the Valley', 'Surf Nazis Must Die', 'Who's Harry Crumb?', 'Tokyo Fist', 'The Substitute', 'Palmetto', 'Spy Hard']
North by Northwest
['City Lights', 'American in Paris, An', 'That Thing You Do!', 'Ruby in Paradise', 'The Butcher's Wife', 'Dancing at Lughnasa', 'The 'burbs', 'Me Myself I', 'Best Man, The (Il Testimone dello sposo)', 'Small Soldiers', 'Three to Tango', 'The Invisible Man', 'Cross of Iron', 'Cujo', 'The Cable Guy', 'Anne Frank Remembered', 'Star Trek V: The Final Frontier', 'Amityville 3-D', 'Child's Play 3']
100%|████████████████████████████████████████████████████████████████████████████████| 200/200 [00:00<00:00, 913.59it/s]
17 Nov 20:56 INFO SAVE DONE! Path: dataset/ml-1m\output_files\final11_gpt-3.5-turbo_ml-1m_RankAggregated_output_2020.json
17 Nov 20:56 INFO recall@1 - 0.5 recall@5 - 0.695 recall@10 - 0.785 recall@20 - 0.975 recall@50 - 0.975 ndcg@1 - 0.5 ndcg@5 - 0.6021 ndcg@10 - 0.6306 ndcg@20 - 0.6774 ndcg@50 - 0.6774
(t3m_env) PS C:\Users\HARIKA\OneDrive\Desktop\nlp_sum\LLMSRec_Syn>

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2. We also tried for different seeds also.

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ansom
['The Rock', 'Just Cause', 'The Mighty Ducks', 'Cobb', "Ulee's Gold", 'Annie Hall', 'Casablanca', 'Enchanted April', 'Shall We Dance? (Shall We Dansu?)', 'The Hudsucker Proxy', 'Get Over It', 'Trekkies', 'Easy Money', 'Wrongfully Accused', 'Jimmy Hollywood', 'Shattered Image', "I Love You, Don't Touch Me!", 'The Baby', 'Wildest']
Michael
['Michael Collins', 'The Rocketeer', 'Santa Claus: The Movie', 'The Abyss', 'Magnum Force', 'Good Morning, Vietnam', 'The War at Home', 'Visitors, The (Les Visiteurs)', 'Eternity and a Day (Mia eniotita ke mia mera )', 'Funny Face', 'Romeo and Juliet', 'Godzilla 2000 (Gozilla ni-sen mireniamu)', 'Winnie the Pooh and the Blustery Day', 'Fall Time', 'The Computer Wore Tennis Shoes', 'Tarzan the Fearless', 'One Little Indian', 'Teaching Mrs. Tingle', 'Boxing Helena']
Patton
['Apocalypse Now', 'The Broken Hearts Club', 'Gods and Monsters', 'The Asphalt Jungle', 'The War Zone', 'Indiana Jones and the Temple of Doom', 'The Man Without a Face', 'Just the Ticket', 'Girlfight', 'Elstree Calling', 'Shiloh', 'A Good Man in Africa', 'The Jungle Book', 'Duets', "The 'burbs", 'Homeward Bound II: Lost in San Francisco', "You've Got Mail", 'One Fine Day', 'Halloween: The Curse of Michael Myers']
Beyond the Mat
['The Commitments', 'The 13th Warrior', 'Mighty Aphrodite', 'The Getaway', 'Mortal Kombat: Annihilation', 'The Road to Wellville', 'Twin Dragons (Shuang long hui)', "Ferris Bueller's Day Off", 'Yankee Zulu', 'The Secret Agent', 'Black Dog', 'Pal Joey', 'Diebinnen', 'Exit to Eden', 'Target', 'I Got the Hook Up', 'Herbie Goes Bananas', 'Tango', 'The Life and Times of Hank Greenberg']
Jaws 3-D
['The Terminator', 'Addams Family Values', 'Lord of Illusions', 'Assassins', 'Black Sabbath (Tre Volti Della Paura, I)', 'The Thing', 'Fatal Attraction', 'Everyone Says I Love You', 'Full Speed', 'Terminal Velocity', 'Bonheur, Le', 'The Gnome-Mobile', 'Holiday Inn', 'One Tough Cop', 'Juno and Paycock', 'The Mask of Zorro', 'Jeffrey', 'Children of a Lesser God', 'Head On']
100%|██████████████████████████████████████████████████████████████████████████████| 200/200 [00:00<00:00, 1430.54it/s]
18 Nov 01:54 INFO SAVE DONE! Path: dataset/ml-1m/output_files\final11_gpt-3.5-turbo_ml-1m_RankNearest_output_42.json
18 Nov 01:54 INFO Evaluation completed in 66.32 seconds
18 Nov 01:54 INFO Test Results:recall@1 - 0.445 recall@5 - 0.705 recall@10 - 0.785 recall@20 - 0.97
5 recall@50 - 0.975 ndcg@1 - 0.445 ndcg@5 - 0.5788 ndcg@10 - 0.6045 ndcg@20 - 0.6507 ndcg@50
- 0.6507
(t3m_env) PS C:\Users\Gouthami Sravya\Downloads\NLP_HW3\LLMSRec_Syn>
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100%|████████████████████████████████████████████████████████████████████████████████| 10/10 [00:04<00:00, 2.28it/s]
18 Nov 18:18 INFO Received OpenAI Responses
100%|████████████████████████████████████████████████████████████████████████████████| 200/200 [00:00<00:00, 1061.16it/s]
18 Nov 18:18 INFO SAVE DONE! Path: dataset/ml-1m\output_files\final11_gpt-3.5-turbo_ml-1m_RankAggregated_output_1
23.json
18 Nov 18:18 INFO Evaluation completed in 52.52 seconds
18 Nov 18:18 INFO Test Results:recall@1 - 0.27 recall@5 - 0.64 recall@10 - 0.8 recall@20 - 1.0 recall@50 - 1
.0 ndcg@1 - 0.27 ndcg@5 - 0.4638 ndcg@10 - 0.5164 ndcg@20 - 0.5668 ndcg@50 - 0.5668
```