To run this program, the pre-requites are
1. Install Python
2. pip install requests pandas openpyxl
3. I have gotten the API key from TNDB. It's pre inputed in the code.

After running the program (Scenario- 1)
1. Sort by Newest Releases- This will show the movies sorted with new release date.
2. Min Year- Selected 2025
3. Max Year- Selected 2025
4. Language/Region- Hindi (Bollywood)
5. Genre- None selected (This will choose all "Genres")

Click on "GET RECOMMENDATIONS"

The program will show the Results

If you need more results, click on the blue button, it will show more results

Movie Recommender

Discover Your Next Favorite Movie

Sort By: Newest Releases

Min Year: 2025

Max Year: 2025
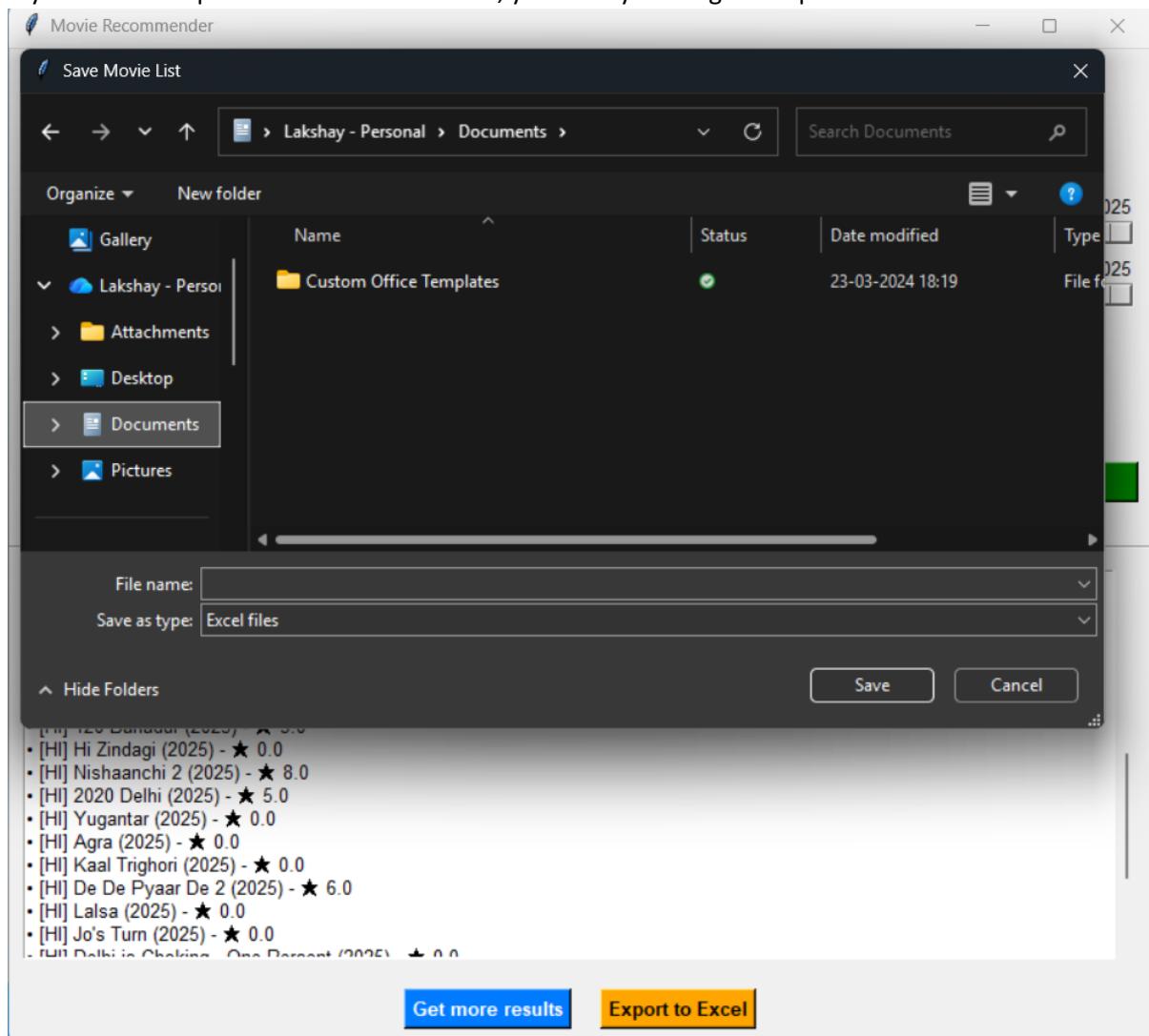
Language/Region: Hindi (Bollywood)

Genres:
☐ Action ☐ Adventure ☐ Animation ☐ Comedy ☐ Crime ☐ Documentary
☐ Drama ☐ Family ☐ Fantasy ☐ Horror ☐ Thriller ☐ Western

GET RECOMMENDATIONS

- [HI] Ghor (2025) - ★ 0.0

--- Page 2 Results ---
- [HI] Hind Ki Chadar - Guru Ladho Re (2025) - ★ 0.0
- [HI] Mastiii 4 (2025) - ★ 6.0
- [HI] Dining with the Kapoors (2025) - ★ 1.0
- [HI] 120 Bahadur (2025) - ★ 5.0
- [HI] Hi Zindagi (2025) - ★ 0.0
- [HI] Nishaanchi 2 (2025) - ★ 8.0
- [HI] 2020 Delhi (2025) - ★ 5.0
- [HI] Yugantar (2025) - ★ 0.0
- [HI] Agra (2025) - ★ 0.0
- [HI] Kaal Trighori (2025) - ★ 0.0
- [HI] De De Pyaar De 2 (2025) - ★ 6.0
- [HI] Lalsa (2025) - ★ 0.0
- [HI] Jo's Turn (2025) - ★ 0.0
- [HI] Delhi is Choking - One Percent (2025) - ★ 0.0

Get more results **Export to Excel**
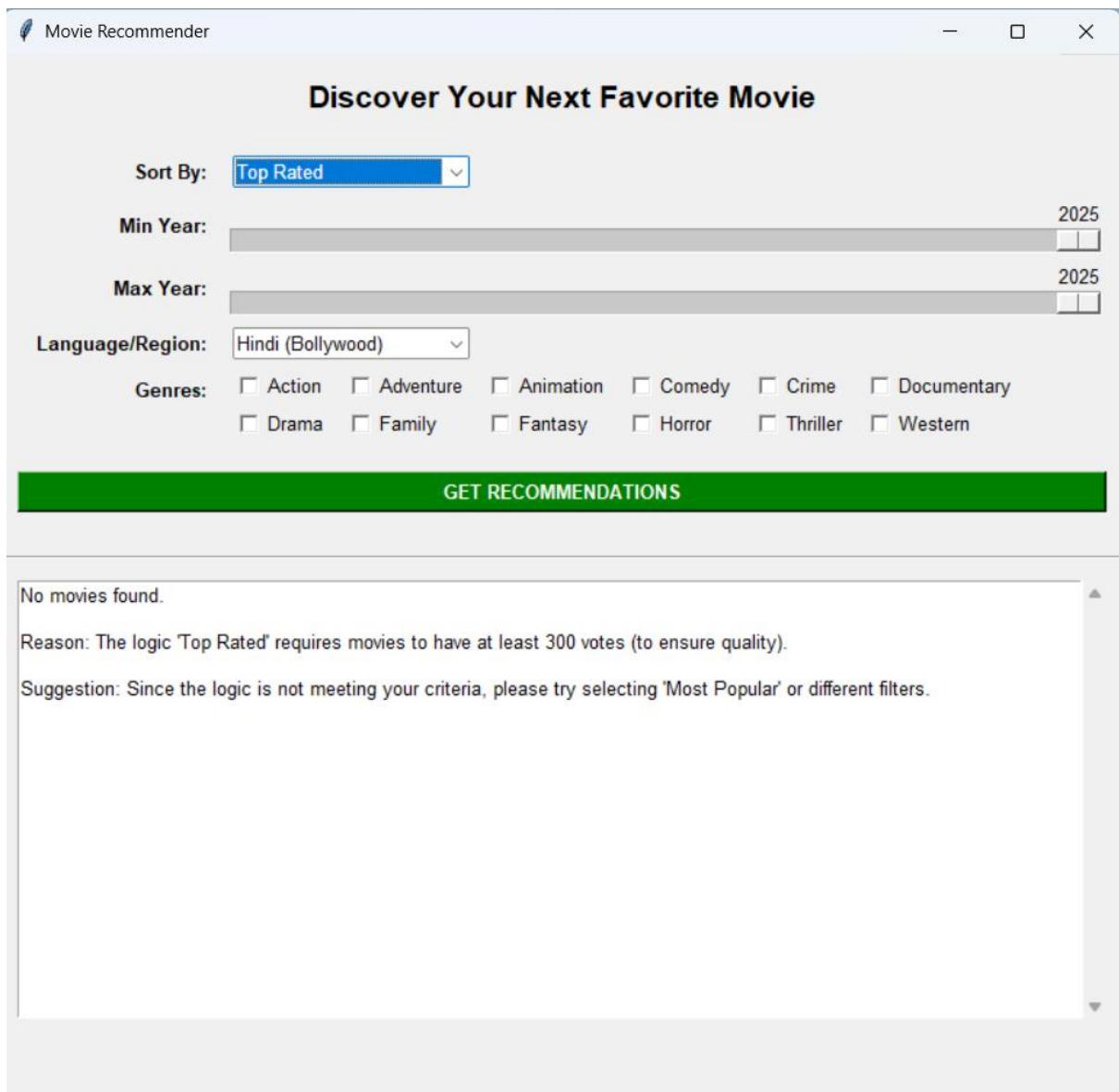
If you want to export the results in an Excel, you can by clicking the Export to Excel Button
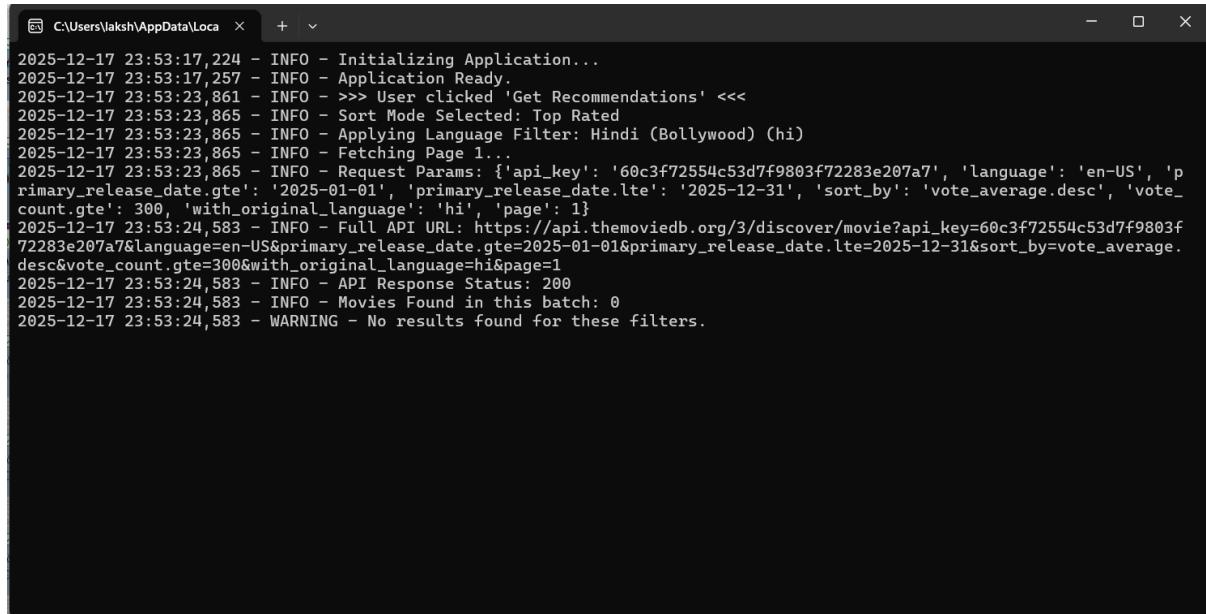
Script Logic

Mode	What it sorts by	The "Secret Sauce" (Vote Count)
Top Rated	Quality (0-10)	Must have **many** votes (300+) to prove it's real.
Most Popular	Hype (Buzz)	Ignores votes, focuses on activity.
Newest	Date (Time)	Allows **0 votes** (because it's brand new).
Hidden Gems	Quality (0-10)	Must have **few** votes (<1000) to keep it niche.

If the Logic doesn't meet, the UI shows the error message.

Movie Recommender

Discover Your Next Favorite Movie

Sort By: `Top Rated`

Min Year: 2025

Max Year: 2025

Language/Region: `Hindi (Bollywood)`

Genres: ☐ Action ☐ Adventure ☐ Animation ☐ Comedy ☐ Crime ☐ Documentary
☐ Drama ☐ Family ☐ Fantasy ☐ Horror ☐ Thriller ☐ Western

GET RECOMMENDATIONS

No movies found.

Reason: The logic 'Top Rated' requires movies to have at least 300 votes (to ensure quality).

Suggestion: Since the logic is not meeting your criteria, please try selecting 'Most Popular' or different filters.

Everything is logged in CMD as well.

```
C:\Users\laksh\AppData\Loca    ×    +    ∨                                                      —    □    ×

2025-12-17 23:53:17,224 - INFO - Initializing Application...
2025-12-17 23:53:17,257 - INFO - Application Ready.
2025-12-17 23:53:23,861 - INFO - >>> User clicked 'Get Recommendations' <<<
2025-12-17 23:53:23,865 - INFO - Sort Mode Selected: Top Rated
2025-12-17 23:53:23,865 - INFO - Applying Language Filter: Hindi (Bollywood) (hi)
2025-12-17 23:53:23,865 - INFO - Fetching Page 1...
2025-12-17 23:53:23,865 - INFO - Request Params: {'api_key': '60c3f72554c53d7f9803f72283e207a7', 'language': 'en-US', 'p
rimary_release_date.gte': '2025-01-01', 'primary_release_date.lte': '2025-12-31', 'sort_by': 'vote_average.desc', 'vote_
count.gte': 300, 'with_original_language': 'hi', 'page': 1}
2025-12-17 23:53:24,583 - INFO - Full API URL: https://api.themoviedb.org/3/discover/movie?api_key=60c3f72554c53d7f9803f
72283e207a7&language=en-US&primary_release_date.gte=2025-01-01&primary_release_date.lte=2025-12-31&sort_by=vote_average.
desc&vote_count.gte=300&with_original_language=hi&page=1
2025-12-17 23:53:24,583 - INFO - API Response Status: 200
2025-12-17 23:53:24,583 - INFO - Movies Found in this batch: 0
2025-12-17 23:53:24,583 - WARNING - No results found for these filters.
```