

To run this program, the pre-requisites are

1. Install Python
2. pip install requests pandas openpyxl
3. I have gotten the API key from TNDDB. 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

The screenshot shows a web application titled "Movie Recommender" with the subtitle "Discover Your Next Favorite Movie". The interface includes several input fields and a large green button labeled "GET RECOMMENDATIONS". Below the button, there is a scrollable list of movie recommendations, each with its title, year, and a star rating. At the bottom, there are two buttons: "Get more results" and "Export to Excel".

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

--- Page 1 Results ---

- [HI] Tu Meri Main Tera Main Tera Tu Meri (2025) - ★ 0.0
- [HI] Durlabh Prasad Ki Dusri Shadi (2025) - ★ 0.0
- [HI] Raat Akeli Hai: The Bansal Murders (2025) - ★ 0.0
- [HI] Janki (2025) - ★ 0.0
- [HI] Apna Amitabh (2025) - ★ 0.0
- [HI] Sholay: The Final Cut (2025) - ★ 10.0
- [HI] The Great Shamsuddin Family (2025) - ★ 0.0
- [HI] Kis Kisko Pyaar Karoon 2 (2025) - ★ 0.0
- [HI] Saali Mohabbat (2025) - ★ 0.0
- [HI] Mamta Child Factory (2025) - ★ 0.0
- [HI] Dhurandhar (2025) - ★ 6.3
- [HI] Flames (2025) - ★ 0.0
- [HI] Parvati (2025) - ★ 10.0
- [HI] Susu (2025) - ★ 0.0
- [HI] Ma No Pause Ma Play (2025) - ★ 0.0

Get more results **Export to Excel**

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

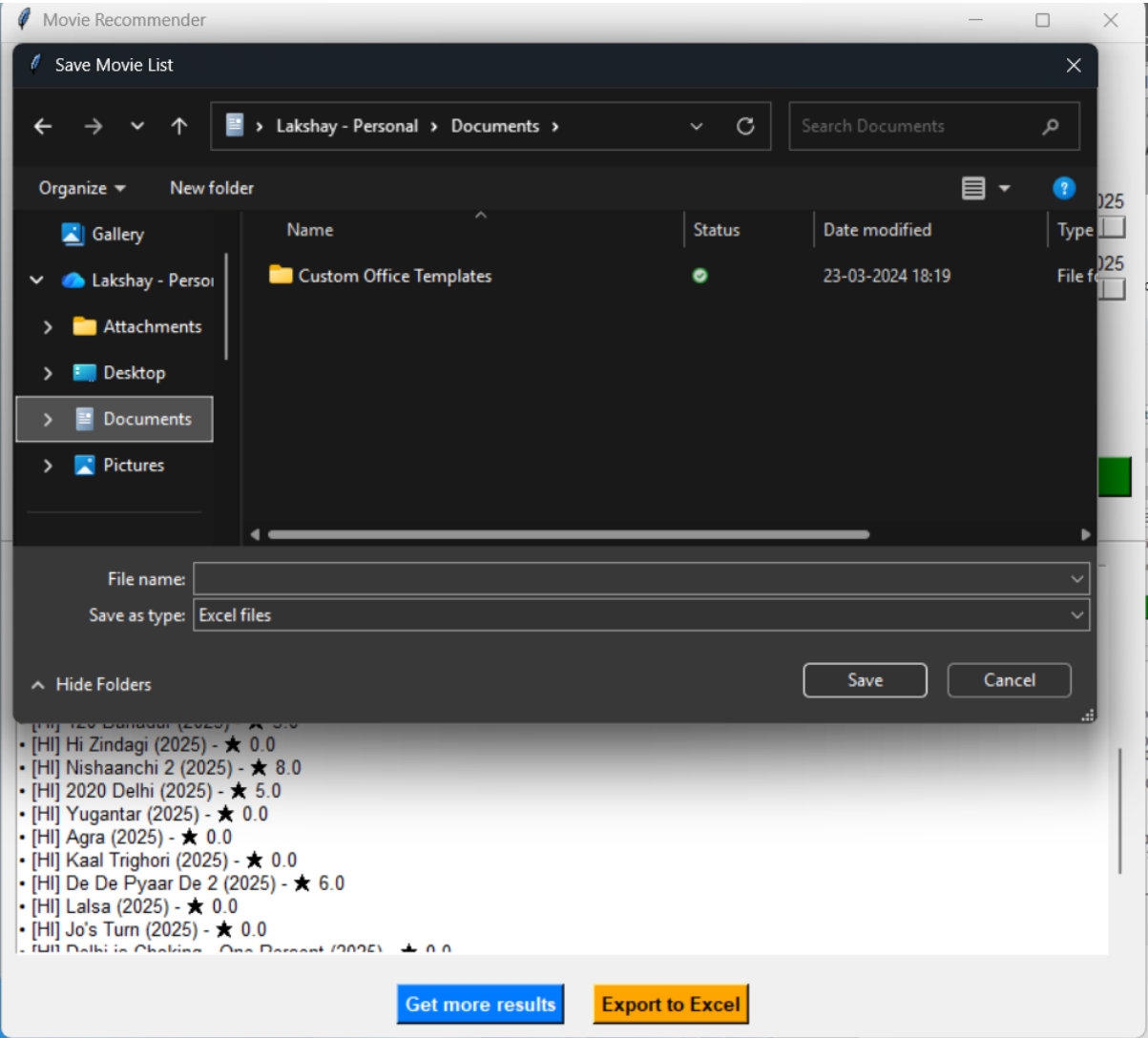
• [HI] Jo's Turn (2025) - ★ 0.0

• [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\Local x + v
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', '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 - Full API URL: https://api.themoviedb.org/3/discover/movie?api_key=60c3f72554c53d7f9803f72283e207a7&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.
```