MaRuLy Py

CinePy

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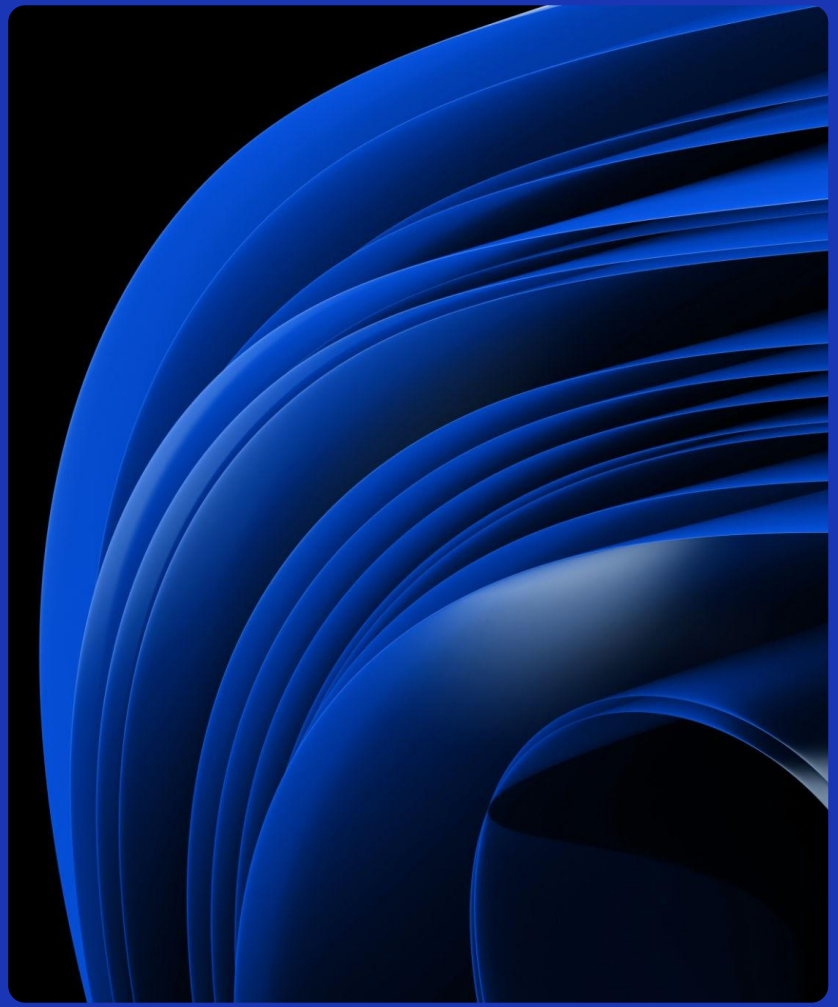

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What to watch?

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CINEPY

A MARULY PY PROJECT

Netflix has over 4000 films available

49.4%

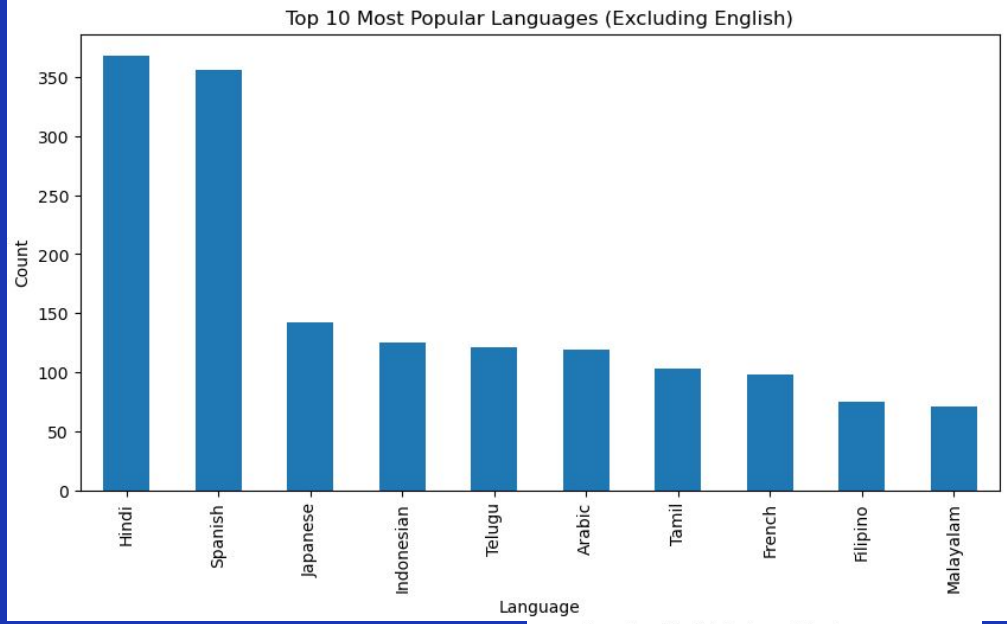
Non-English

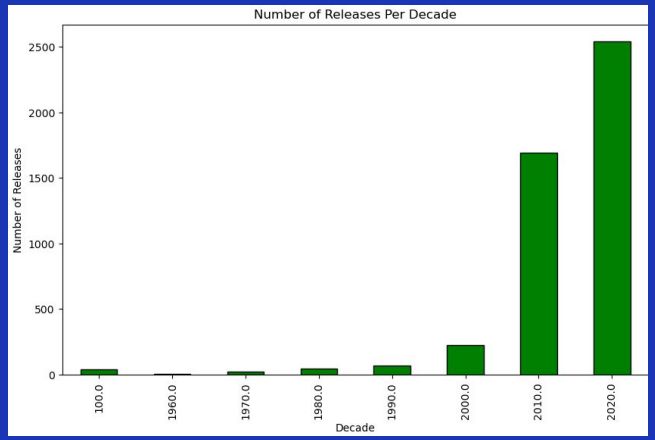
>2500

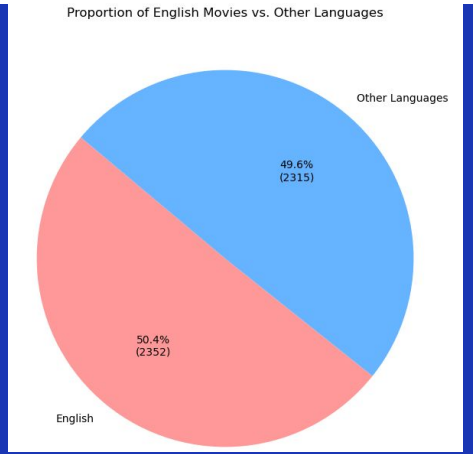
Films from this Decade

>700

Hindi or Spanish







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How it works

- THE DATA - We scrape WhatsOnNetlix.com using Selenium, ensures that your next watch is what you want and is on Netflix, today!
- THE DB - Using MongoDB we store the WhatsOnNetflix data augmented with film data fetched via the TMDb API.
- THE ALGO - We generate recommendations matches based on a target film pushed against a weighted average of BERT embedding based on genres and summaries of the films available on Netflix using Sentence_Transformers.
- THE UI - With Django we have created a web-app just for you! This wraps around the search and recommendation logic to provide you with an easy, graphical experience!

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Data Sources

WhatsOnNetflix

Web Scraped

WhatsOnNetflix.com provides a great reference for fetching movies and TV shows that are on Netflix

TMDB

API Call

TMDB provides all the information you could possibly want about most movies

MovieLens

CSV

A rich dataset of movie metadata managed and curated by a research group based out of the University of Minnesota

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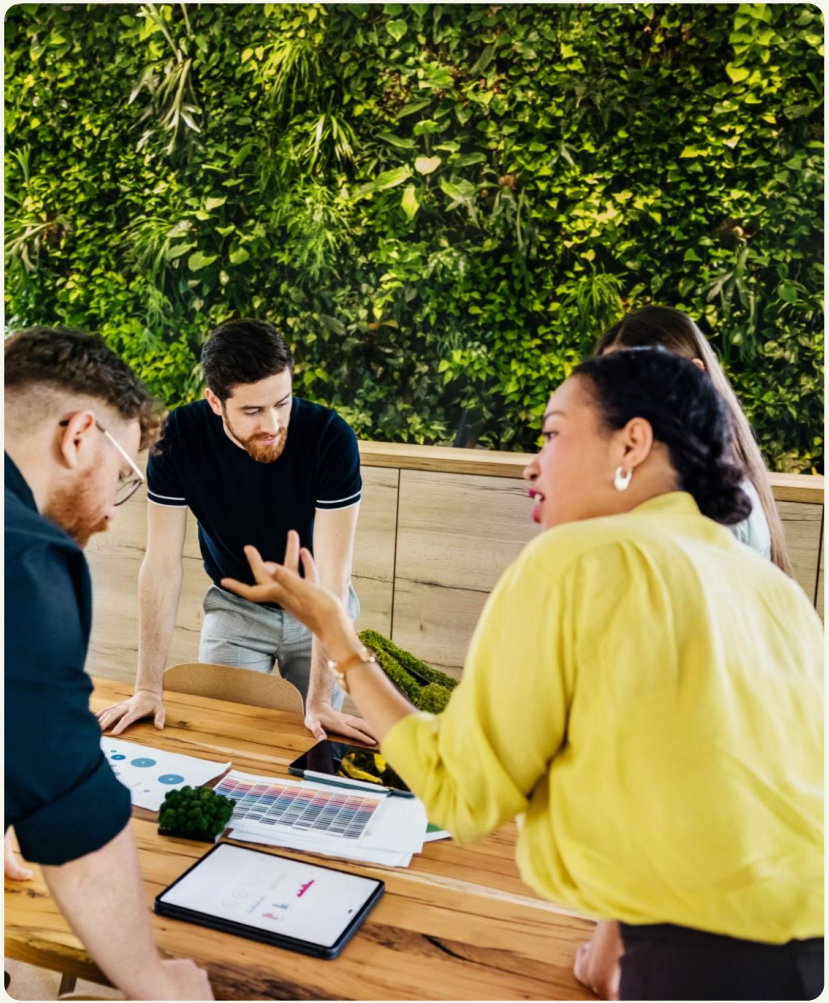
Demo

Now sit back and relax while we show you a video of our code functioning so totally smoothly!

..... or sit awkwardly for at least 30 seconds while we get the LIVE demo ready just for you!

(“Oohs” and “Ahhs” appreciated but not expected)



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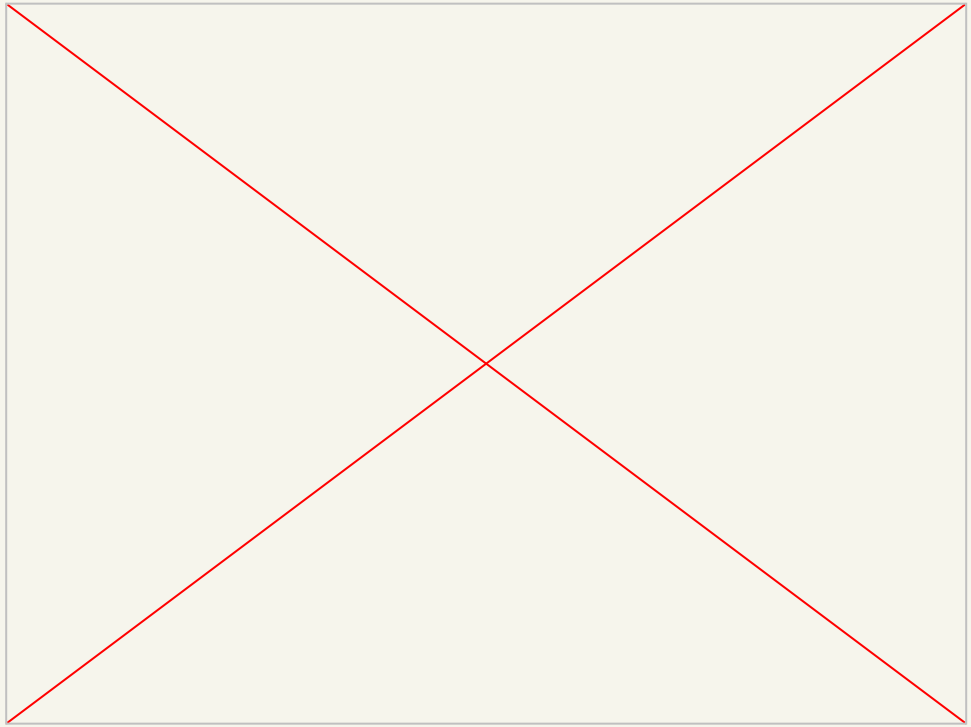

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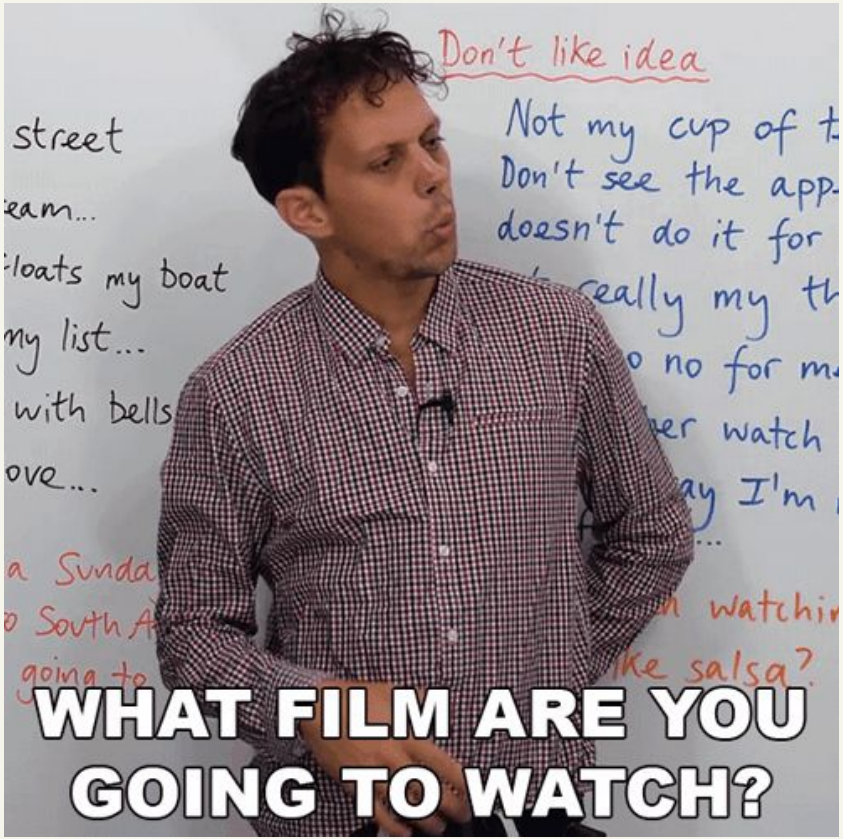
So....



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