

# Movie Genre Data Analysis

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# Dataset(s)

Which dataset did you use of the following:

- IMDB Movie Dataset

# Research Question(s)

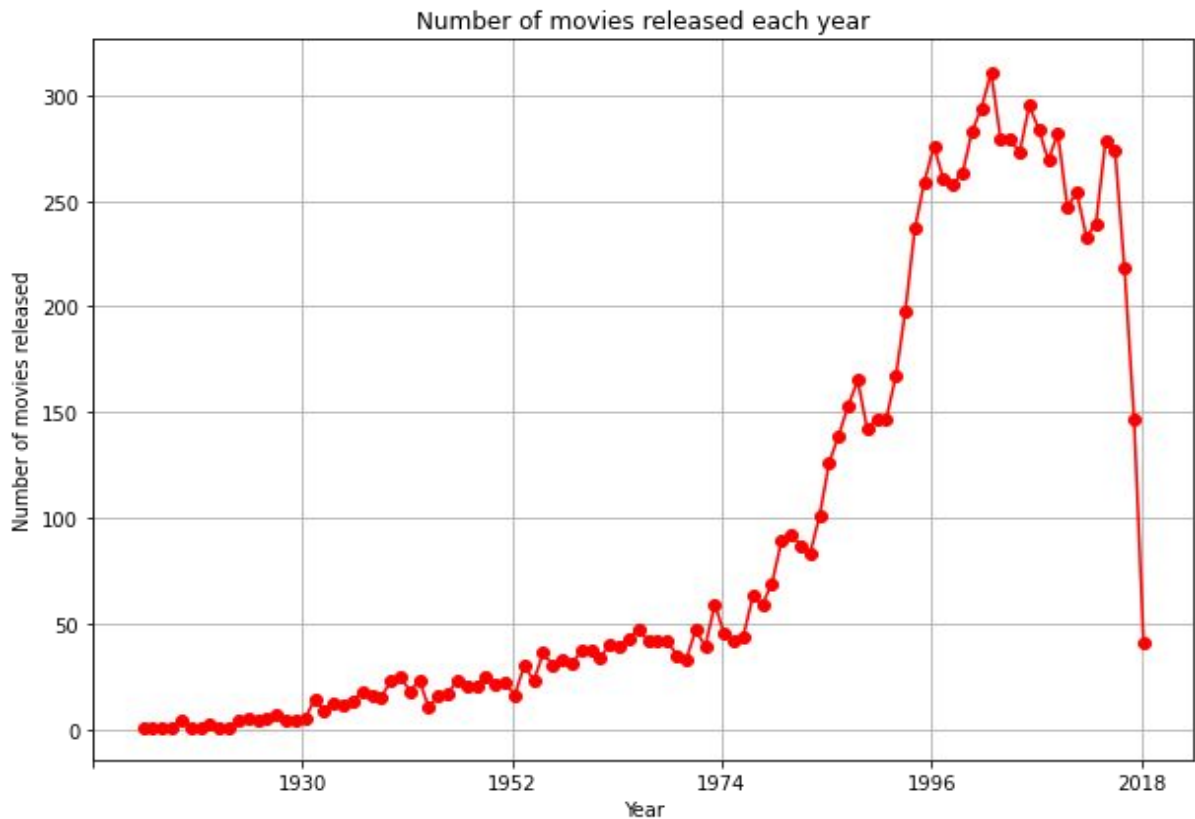
1. Total number of movies released each year.
2. Which movie genre has the highest number of movies?
3. Which movie genre is highly rated?
4. List all movies with the highest number of tags for each genre.

# Motivation

In today's world genre plays an important role in knowing audience preference as to what kind of movies they generally like to watch more. Audience preference also helps the directors and other key stakeholders in making movies according to the genre trends. Increase in audience receptivity and responsiveness for a genre will lead to increase in overall revenue.

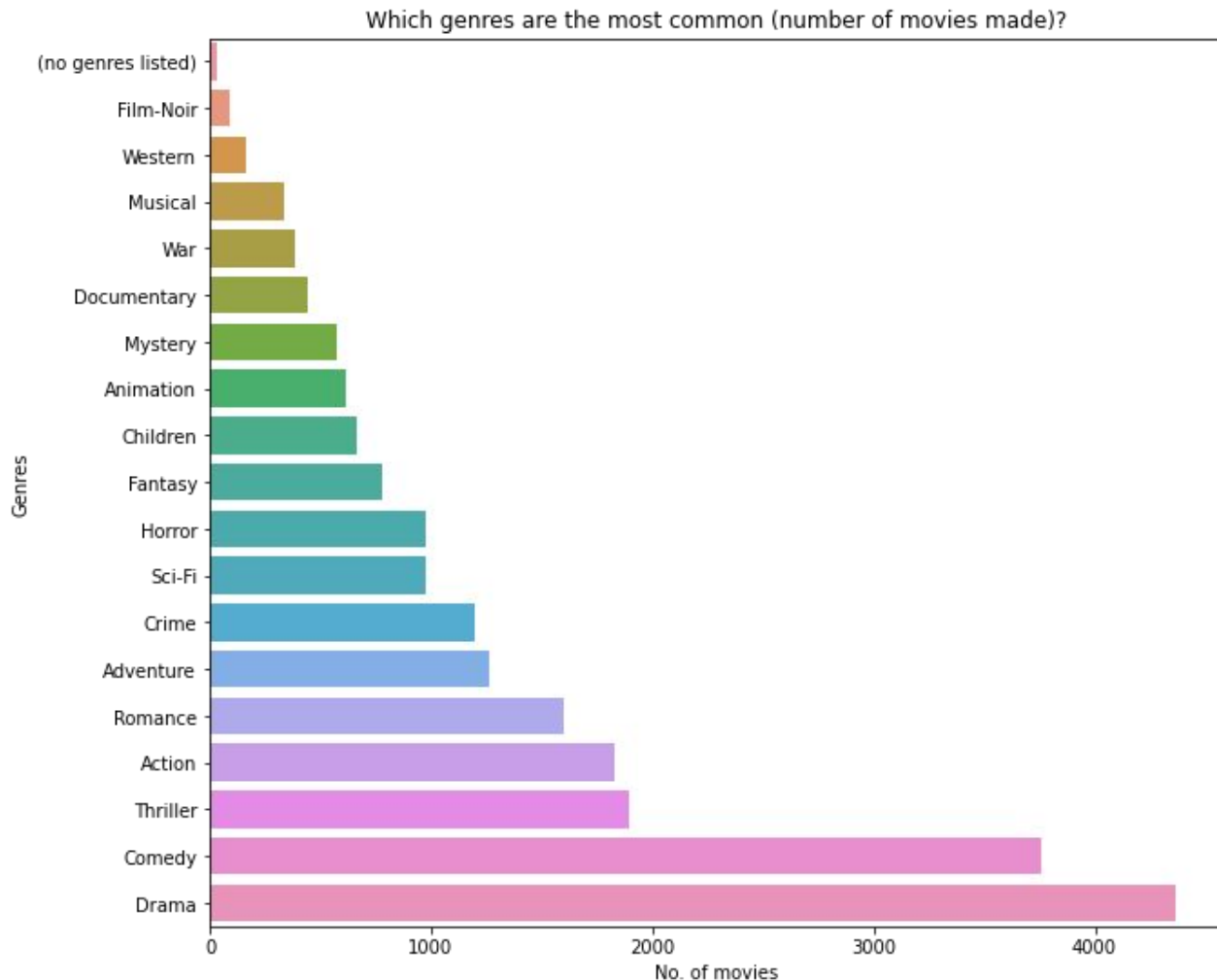
# Findings

The year 2002 recorded the highest number of movies released. But the number has been continuously decreasing since 2014.



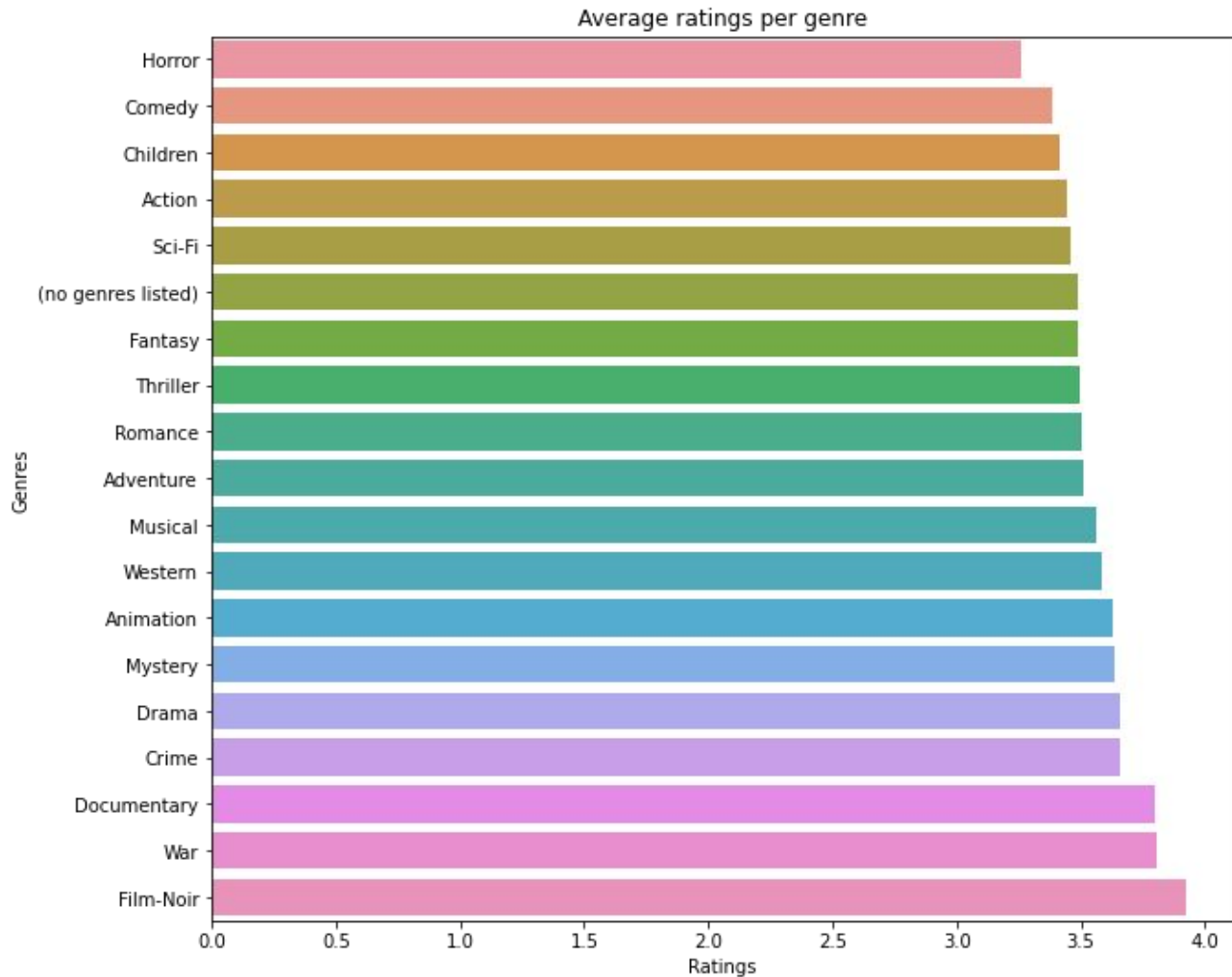
# Findings

Drama followed by Comedy has the highest number of movies made. Film Noir and Western have the least number of movies made.



# Findings

Genres like Film Noir, War, Documentary are more highly rated. And genres like Horror, Comedy are lowest rated.



# Findings

The movie ‘Pulp Fiction’ related to the genres Comedy, Crime, Drama, and Thriller has the highest number of tags.

Genre	Movie Title	Number of Tags
Comedy	Pulp Fiction (1994)	181
Crime	Pulp Fiction (1994)	181
Drama	Pulp Fiction (1994)	181
Thriller	Pulp Fiction (1994)	181
Action	Fight Club (1999)	54
Adventure	2001: A Space Odyssey (1968)	41
Sci-Fi	2001: A Space Odyssey (1968)	41
Romance	Eternal Sunshine of the Spotless Mind (2004)	34
Mystery	Donnie Darko (2001)	29
Horror	Eraserhead (1977)	17
Animation	Up (2009)	13
Children	Up (2009)	13
Western	Django Unchained (2012)	12
War	Dr. Strangelove or: How I Learned to Stop Worr...	10
Fantasy	Lord of the Rings: The Return of the King, The...	10
Musical	South Park: Bigger, Longer and Uncut (1999)	8
Film-Noir	M (1931)	7
Documentary	Inside Job (2010)	6
(no genres listed)	Paterson	3



# Acknowledgements

Thank you to my course lecturers for giving me an opportunity to work on this project. I immensely enjoyed and learned a lot during this process.

# References

This project is my own work, and I had referred to Week 4 – movie notebook for my analyzation.

I am unable to attach the notebook along with the slides due to size restrictions.