Movie Ratings Over the Decades

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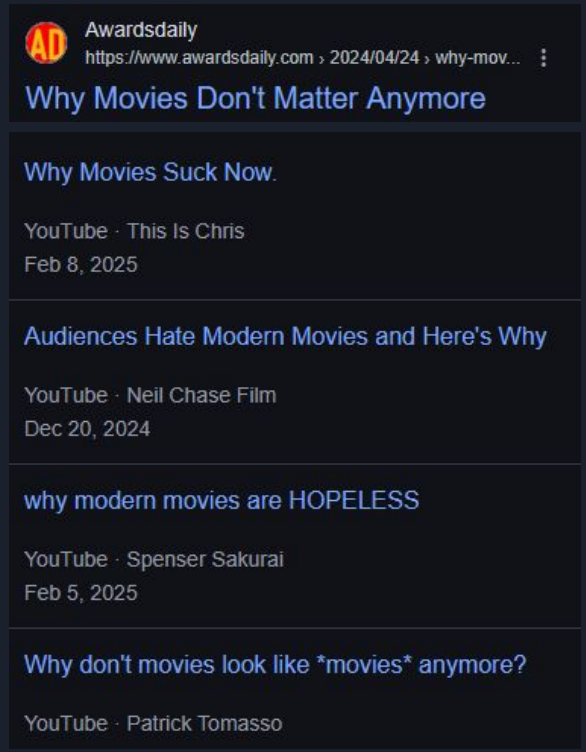
Goals and Objectives

- Is there merit to the claim, “movies aren’t good anymore”?
- What genres are most popular and highest rated?
- Is there an over saturation of movies?
- 35 marvel movies since 2007, approximately 2 movies a year

Martin Scorsese: I Said Marvel Movies Aren’t Cinema. Let Me Explain.

Cinema is an art form that brings you the unexpected. In superhero movies, nothing is at risk, a director says.



Awardsdaily
https://www.awardsdaily.com › 2024/04/24 › why-mov...

Why Movies Don't Matter Anymore

Why Movies Suck Now.

YouTube · This Is Chris
Feb 8, 2025

Audiences Hate Modern Movies and Here's Why

YouTube · Neil Chase Film
Dec 20, 2024

why modern movies are HOPELESS

YouTube · Spenser Sakurai
Feb 5, 2025

Why don't movies look like *movies* anymore?

YouTube · Patrick Tomasso

IMDb Data Set Data Collection

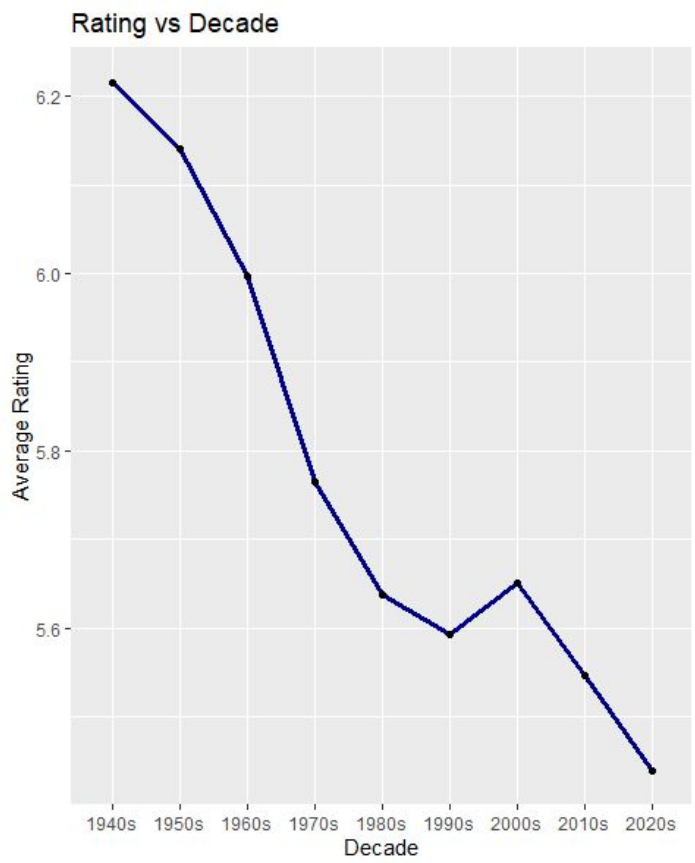
- A collection of data sets from the internet movie database site including: movies, tv shows, podcasts, music videos, video games etc.
- Used the title.basics and title.ratings datasets
- The data is as recent as February 17, 2025
- Combined these through their unique IDs labeled “tconst”
- Filtered out unnecessary data
  - Non movie titles, adult films, length ≥ 40 minutes per the Academy, Original title, post 1940, reviews ≥ 100
- Binned the movies by decade

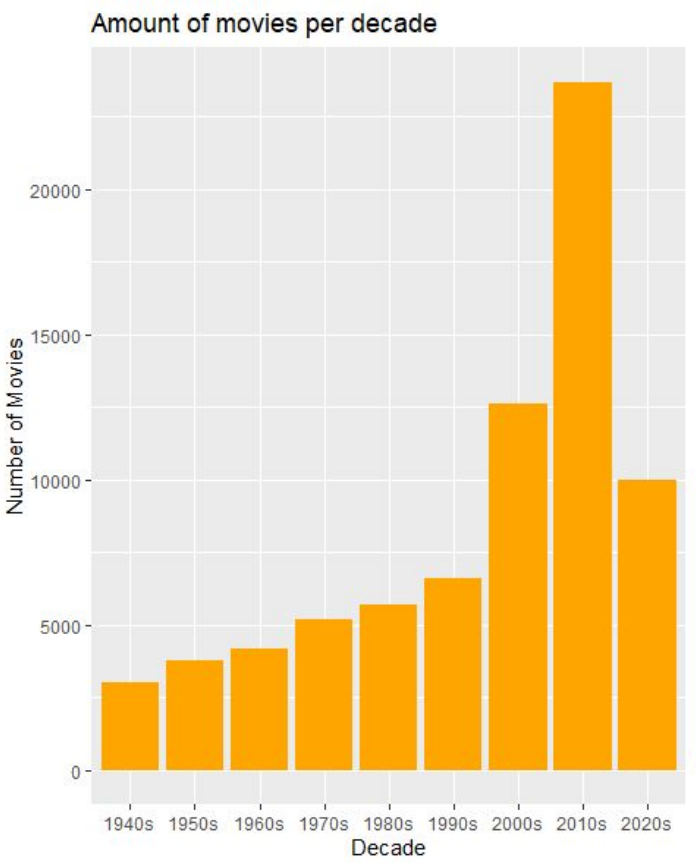
	tconst	titleType	primaryTitle
88021	tt0202523	movie	The Perfect Shadow
107548	tt0287075	movie	Universal Groove
115706	tt0327785	movie	The Killer's Game
122519	tt0368133	movie	The Promise of Perfume
123749	tt0375008	movie	Remedy
133942	tt0451272	movie	Nefarious
134239	tt0453528	movie	On Moral Grounds

Lots of Genres

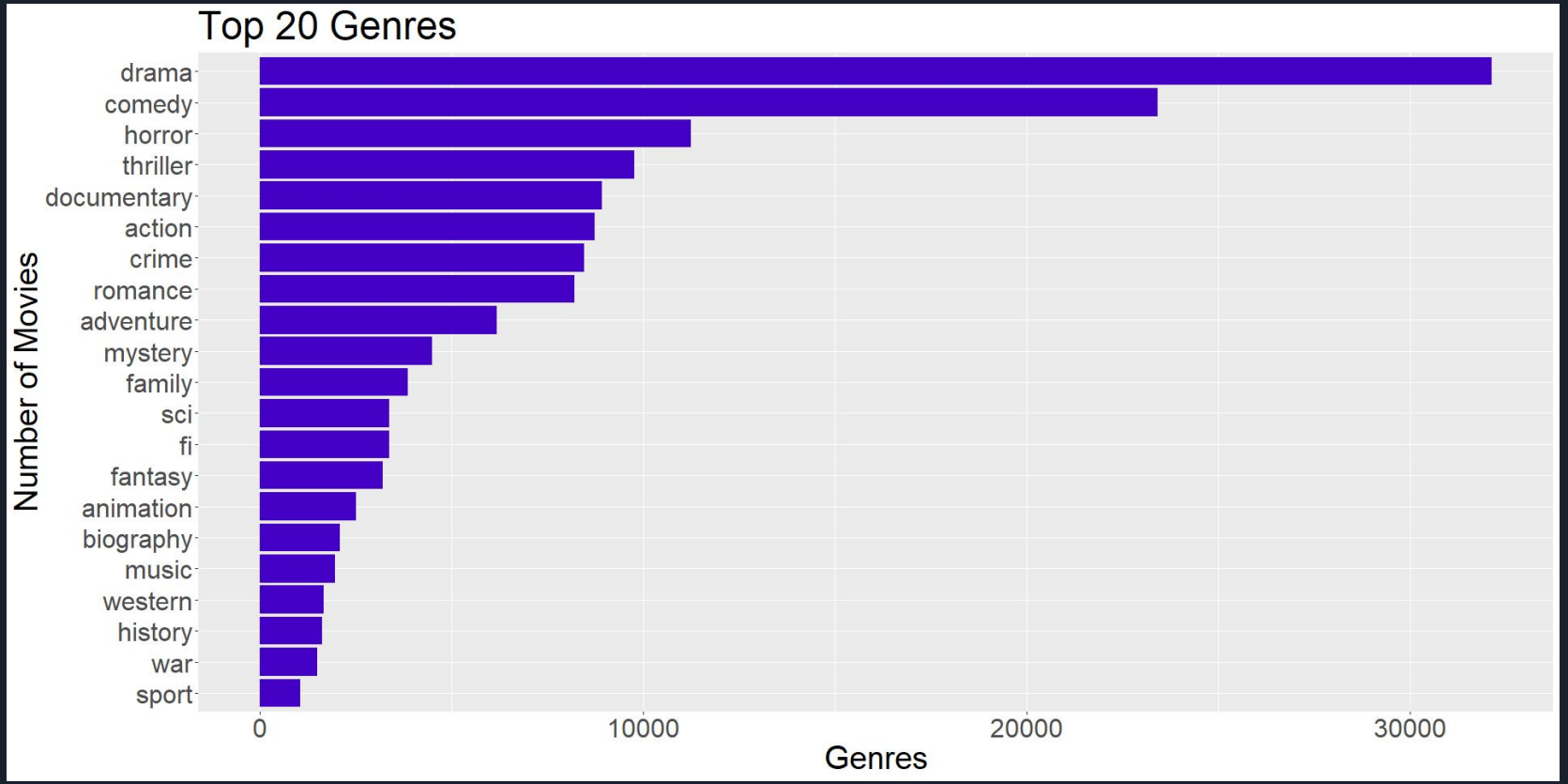
- Some movies are labeled with just one genre, some have multiple listed, every combination creates a new genre leading to thousands of genres
- Fix was to duplicate the movie for each genre it was listed for
    - Example: If listed as Comedy, Crime, Drama. The movie would now be listed three times, one for each genre.
- After filtering and separating left with 145,000 rows from original 11.4 million

Have movies declined over the years?

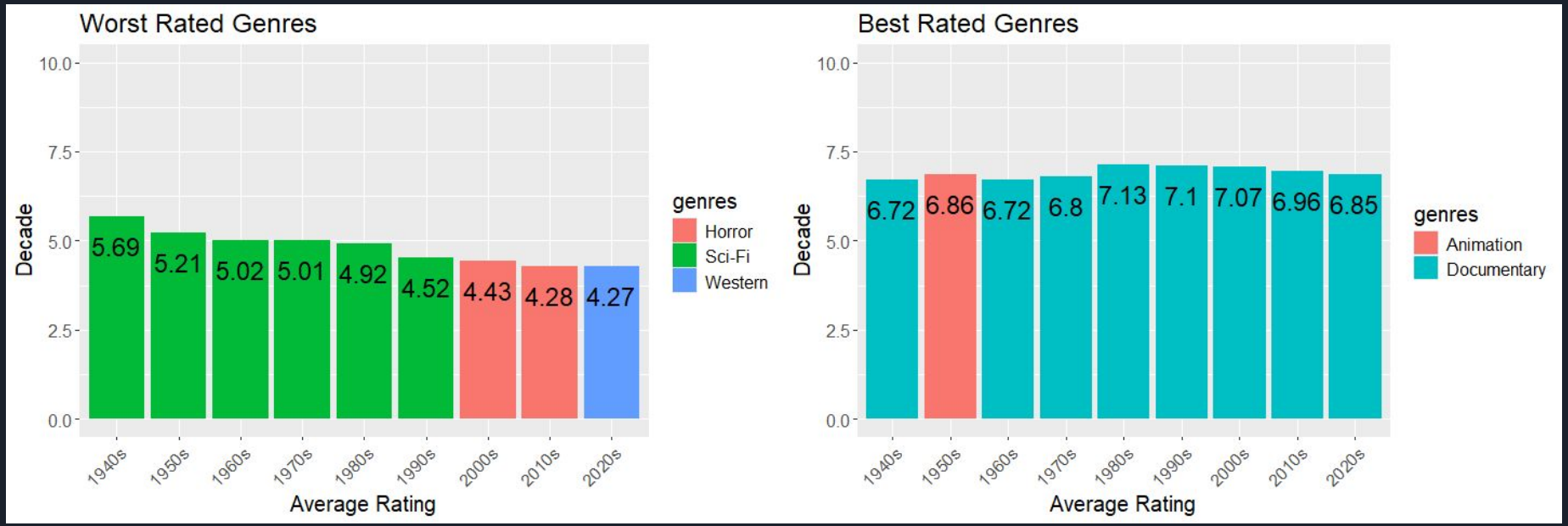


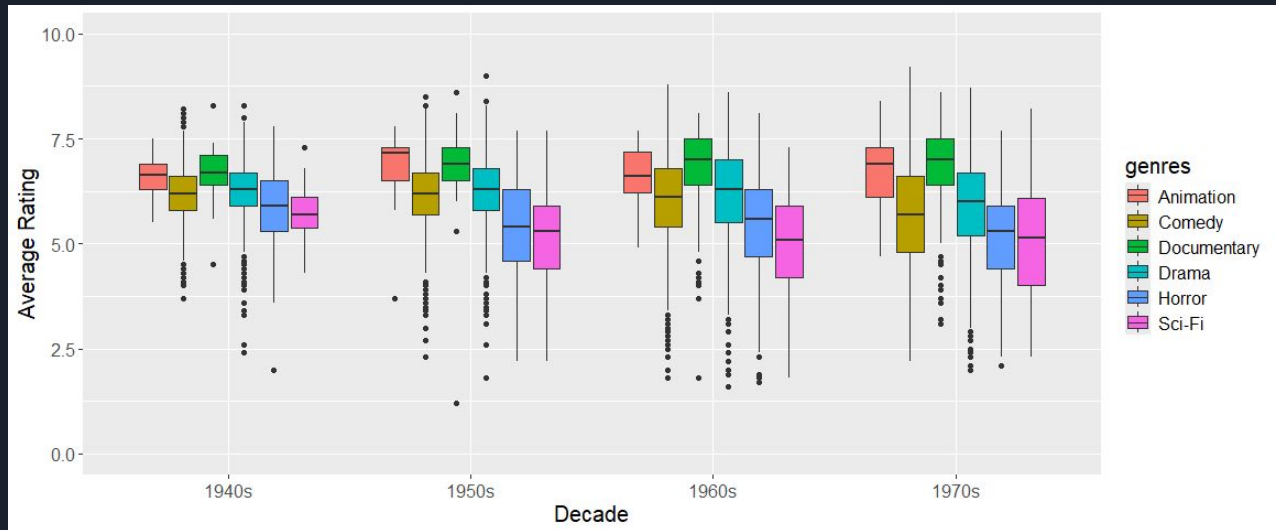


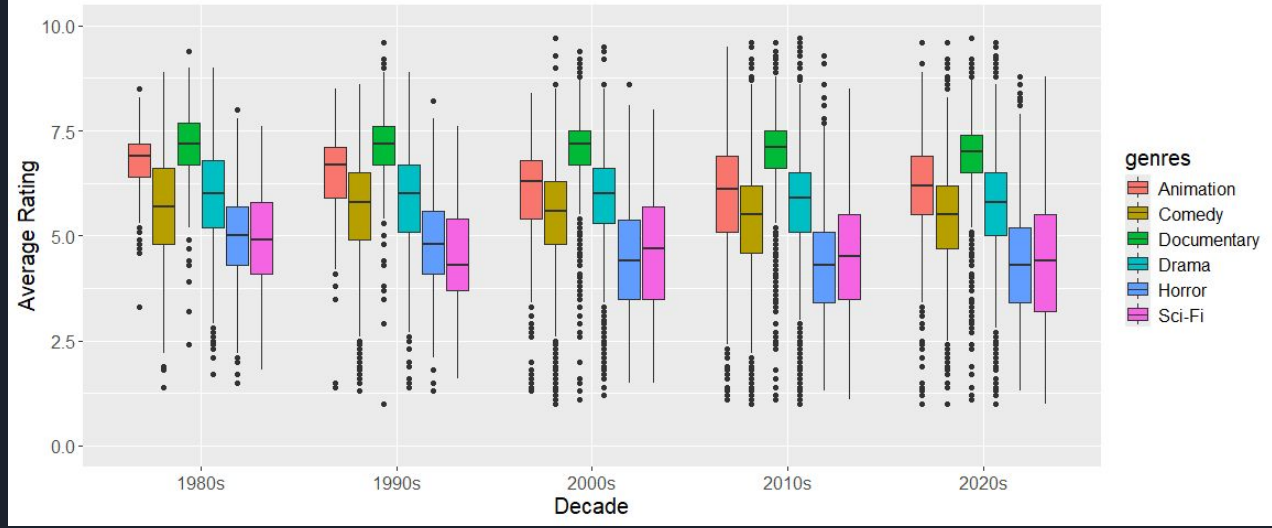
Most Popular Genres

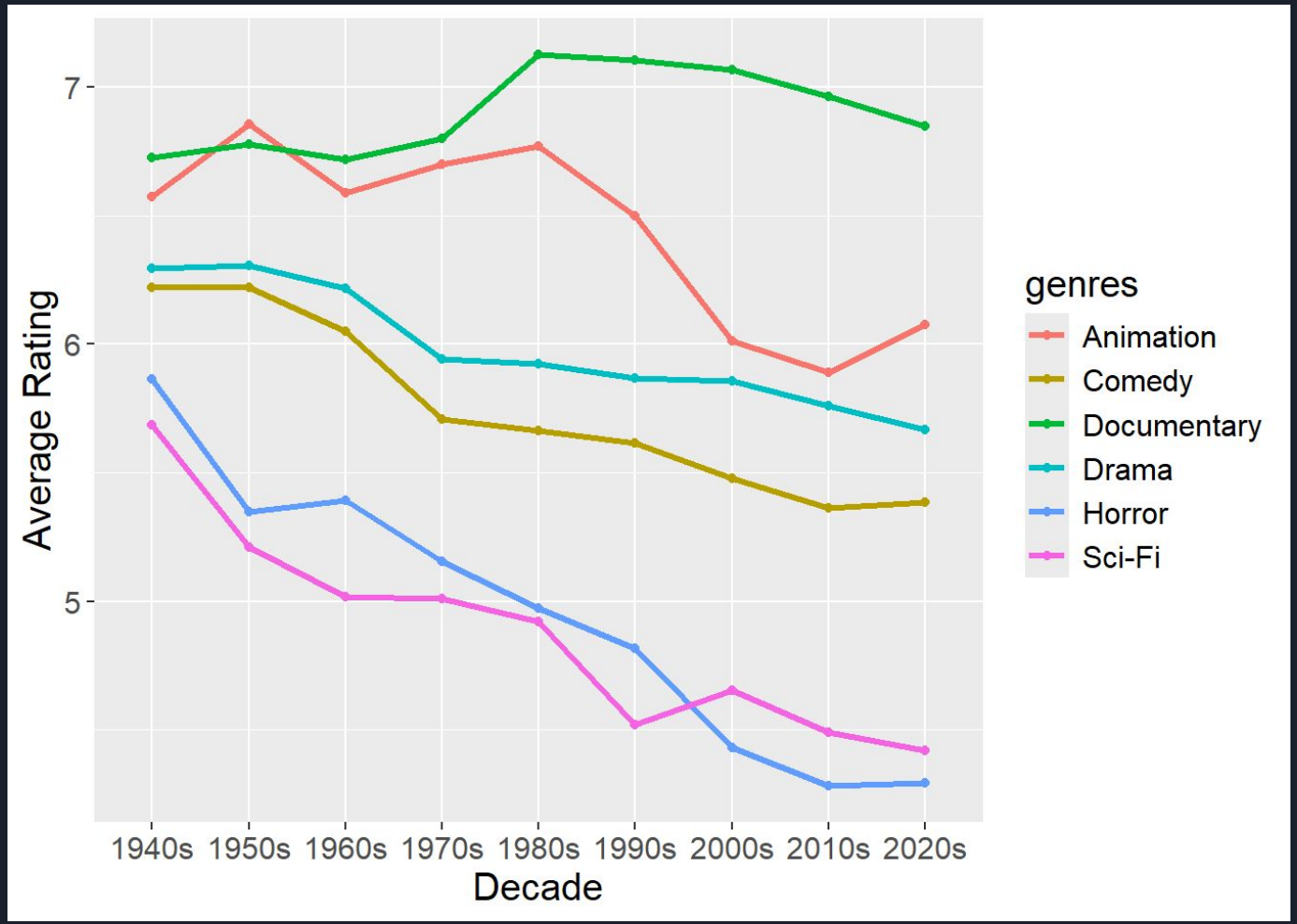


Best and Worst Genres




10.0
7.5
5.0
2.5
0.0
Average Rating
1940s
1950s
1960s
1970s
Decade
genres
Animation
Comedy
Documentary
Drama
Horror
Sci-Fi


10.0
7.5
5.0
2.5
0.0
Average Rating
1980s
1990s
2000s
2010s
2020s
Decade
genres
Animation
Comedy
Documentary
Drama
Horror
Sci-Fi


7
6
5
Average Rating
1940s
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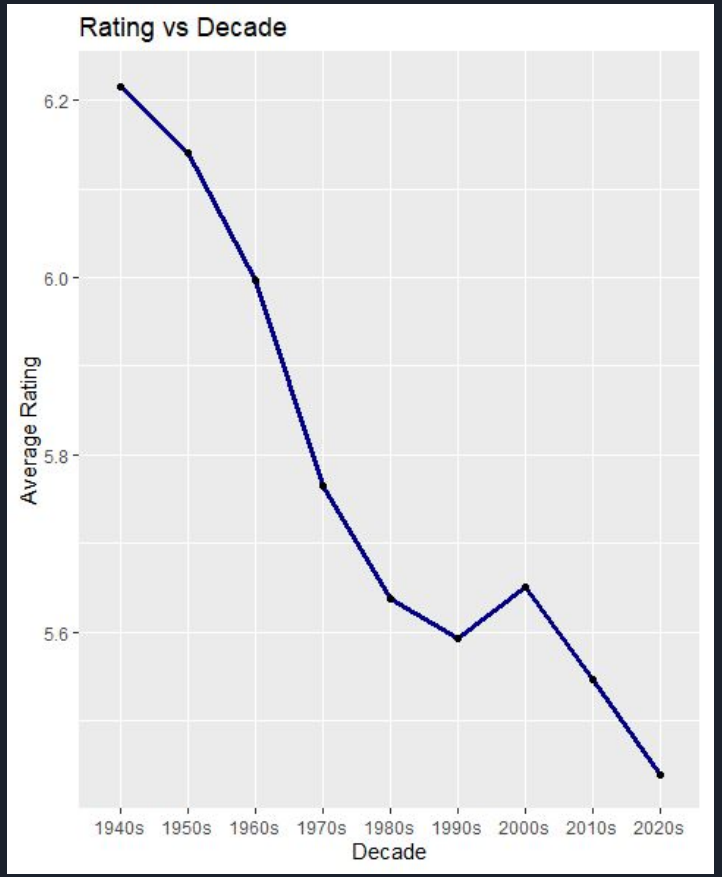
Conclusions

- Movies have dropped in average rating significantly over every decade since the 1940s with the exception of the 2000s where we saw a small increase
- The most popular genres have the most average ratings with the exception of horror which is one of the lowest rated genres while being third most popular
- The highest rated genres are documentaries and then animation
- While movies ratings have dropped on average, the number of movies per decade is also increasing exponentially