

# Movie Genre Analysis

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In-Depth Genre Analysis

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# Introduction

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The analysis was built based on movie genres within a dataset.

It covers a wide range of perspectives, for instance you would want to know the genre with best average ratings, or what are the average ratings by genre.

The main perspective is: Movie Genres versus Ratings.

In the following slides, you will discover in depth how to look at the Dashboard to gather the informations you need.

# The Dashboard

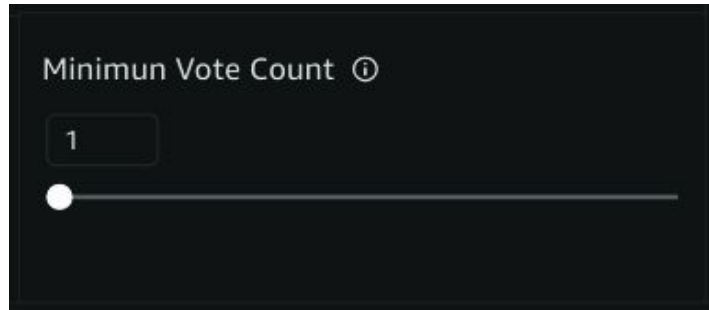
At the top of page you will find two filter options:

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**Filter by genre:** This option allows you to see only the genres you want to explore. Changes in this filter will refresh the first graph.

**Minimum vote count:** Set a minimum number of votes to be considered on “Best Average Rating” graph.



# Average Rating by Genre



This graph shows all genres you have to make your analysis. You can use the “Filter by Genre” option to see more details.

**Note:** Changes in this graph will refresh all others graphs, filtering by the selected genre.

# Best Average Rating

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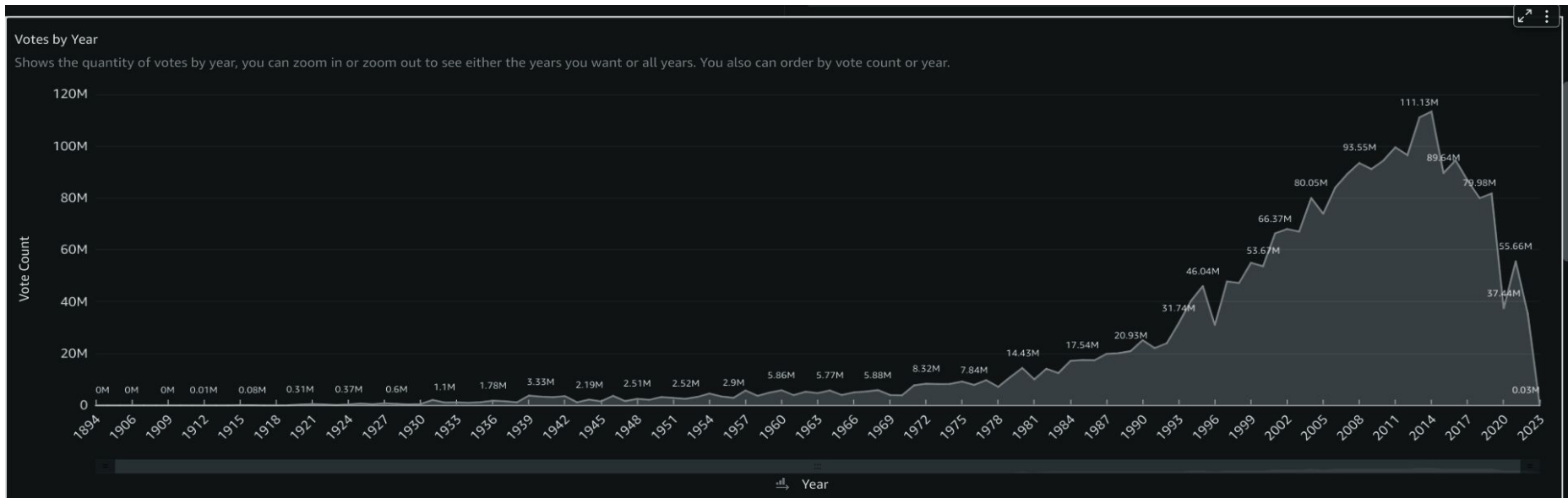
Here you can find what is the greatest genre, with the best average ratings. You can filter by setting a minimum vote quantity to be consider.

**Note:** Be aware that the ratings and genres shifts based on vote quantity. Default is 1.

# Votes by Year

Shows what is the total votes, grouped by year.

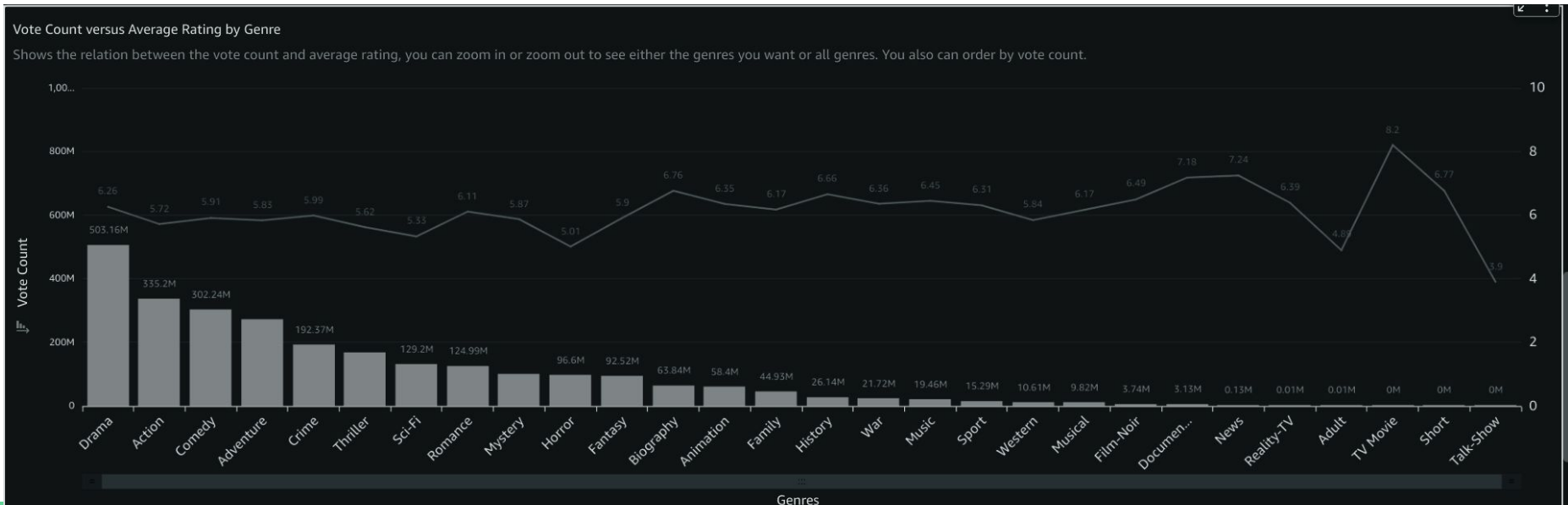
**Note:** At the bottom of this graph, you can use the zoom bar to focus the years you want. You can also maximize all graphs to better viewing.



# Vote Count versus Average Ratings

What is the relation between the average ratings and vote quantities? Here you can explore genre by genre and compares it.

**Note:** Do not forget to use the zoom bar for more detailed viewing.





# Average Rating by Year

Shows the average ratings of all genres, grouped by years. Use this graph for questions like:

What was the period with lowest ratings? And the highest?



# The Questions

# Some Questions to Explore the Dashboard:

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- What are the top rated genres?
- What is the genre rating by years?
- If i choose to explore “Action Genre”, is there a year with more vote counts than others?
- What are the average ratings for genres that have a minimum count of 10.000 votes?