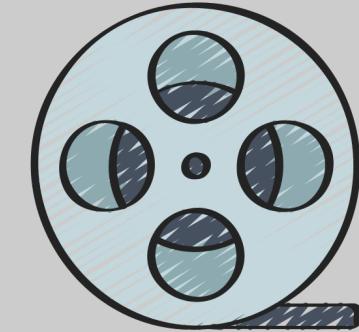
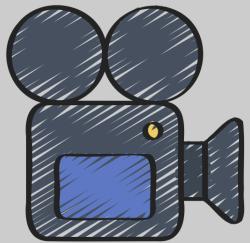


MOVIE INDUSTRY

~FOUR DECADES OF MOVIES~

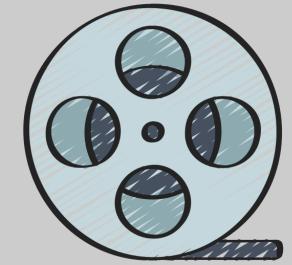


This dataset contains important information about movies, helping us understand how films perform in the industry. The data spans multiple years and It includes details about movies like their release dates, earnings, budgets, and audience ratings.



CONTEXT

There are 5,323 movies with a total revenue of \$560bn in the dataset (1986-2016).



Each movie has the following attributes:

Budget: the budget of a movie.

Company: the production company

Country: country of origin

Director: the director

Genre: main genre of the movie.

Gross: revenue of the movie

Name: name of the movie

Rating: rating of the movie (R, PG, etc.)

Released: release date (YYYY-MM-DD)

Runtime: duration of the movie

Score: IMDb user rating

Votes: number of user votes

Star: main actor/actress

Writer: writer of the movie

Year: year of release

TOTAL REVENUE

\$560bn

TOTAL NUMBER OF MOVIES

5323

MOVIE INDUSTRY DASHBOARD



MOVIE GENRE

Select all

Action

Advent...

Animat...

Biogra...

Comedy

Crime

Drama

Family

Fantasy

Horror

Mystery

Roman...

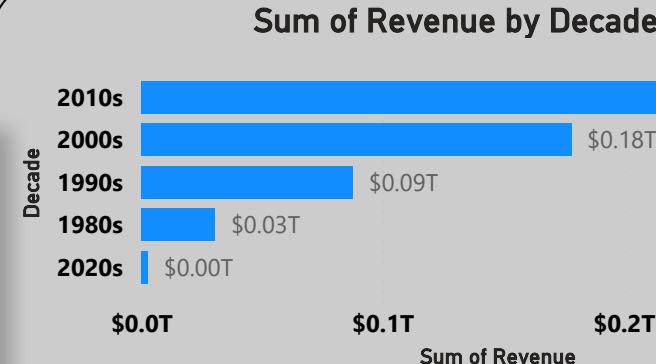
Sci-Fi

Thriller

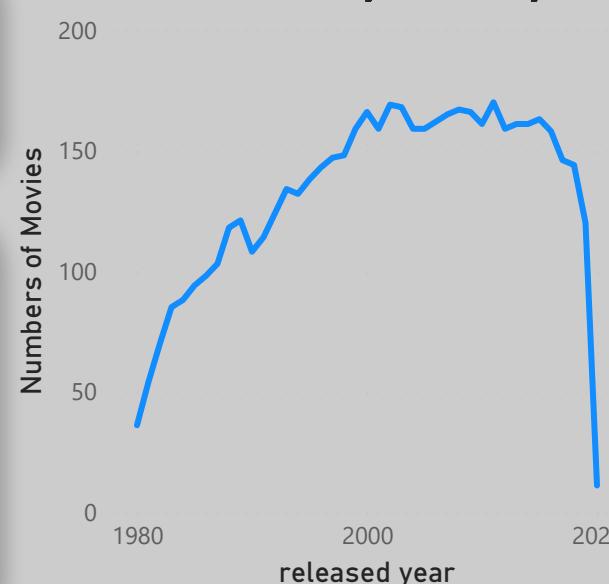
Western

TOTAL NUMBER OF MOVIES
5323

TOTAL REVENUE
\$560bn



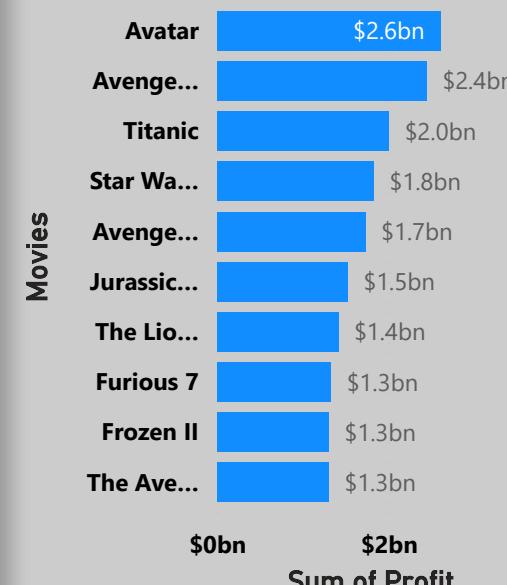
Numbers of Movies by released year



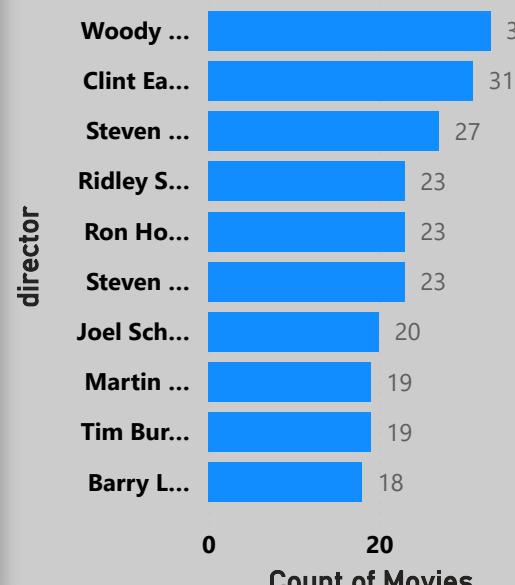
Number of Movies by Country



Top 10 Movies by Profit



Top 10 directors with Most Movies



Top 10 ROI by genre



Quarterly revenues by Movies

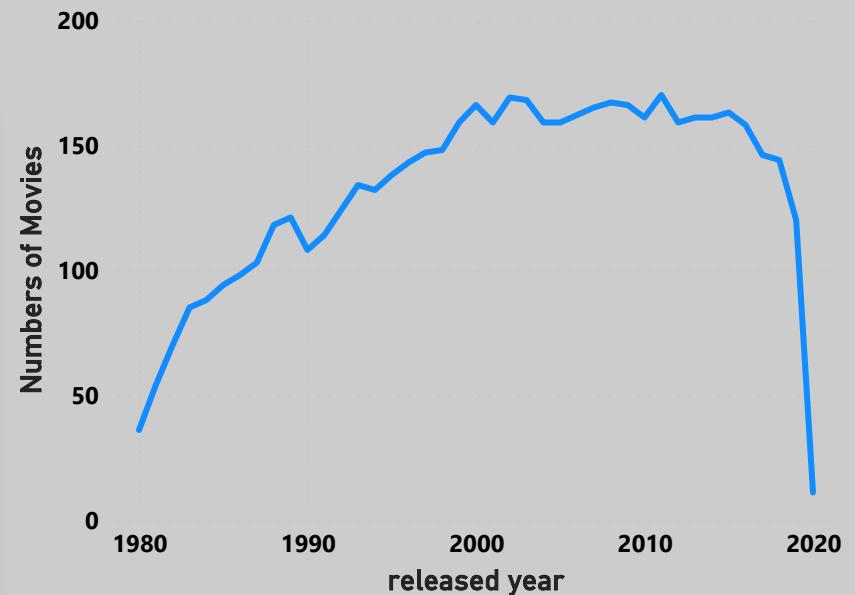




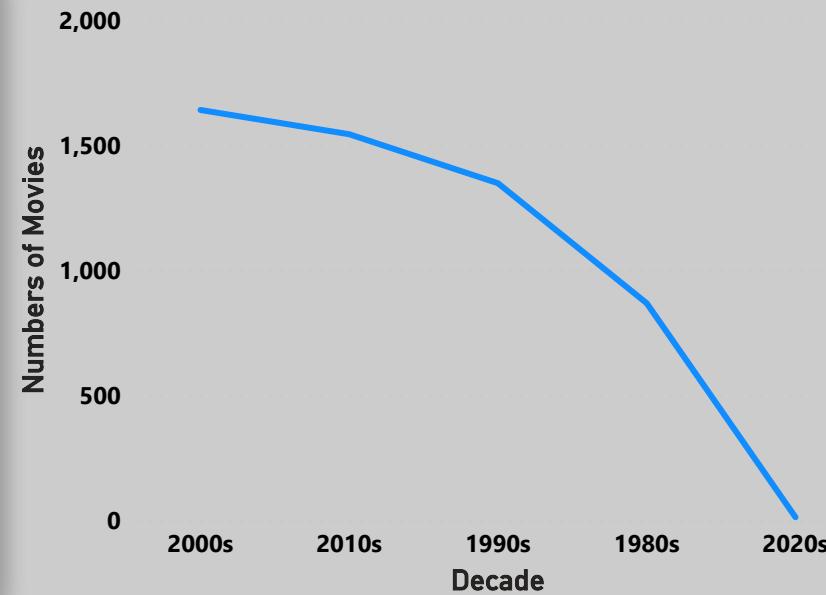
MOVIE GENRE

- Select all
- Action
- Advent...
- Animat...
- Biogra...
- Comedy
- Crime
- Drama
- Family
- Fantasy
- Horror
- Mystery
- Roman...
- Sci-Fi
- Thriller
- Western

Numbers of Movies by released year

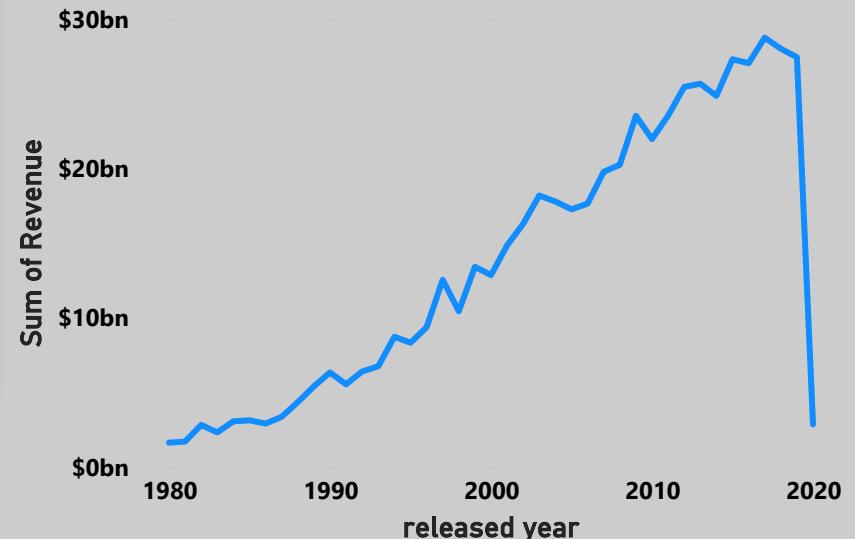


Numbers of Movies by Decade

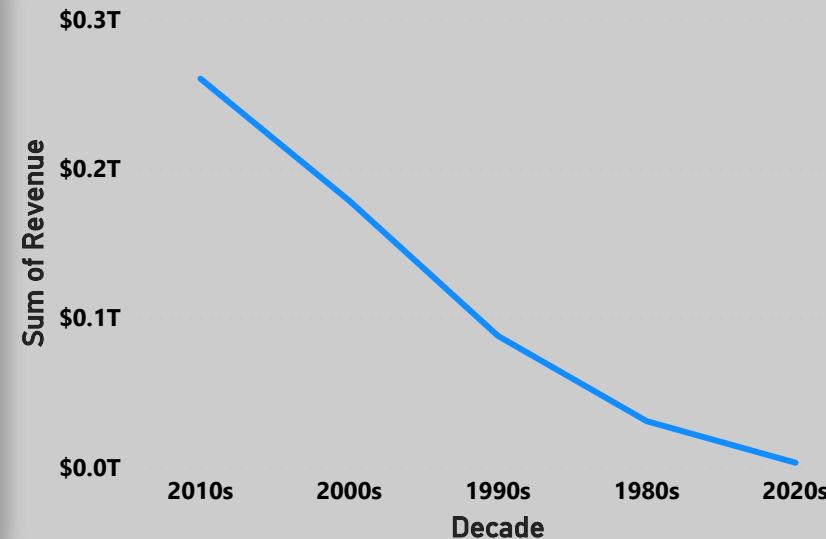


In our line charts, we analyzed how the number of movies released and their total revenues have changed over decades and years. The line chart shows the number of movies released each decade and year. We can see how movie production has grown or shrunk over time. Another line chart tracks the total revenue generated by movies each decade and year.

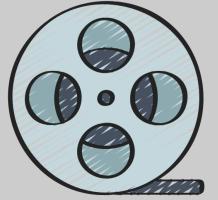
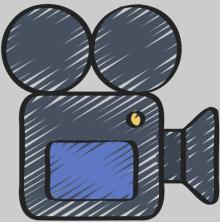
Sum of Revenue by released year



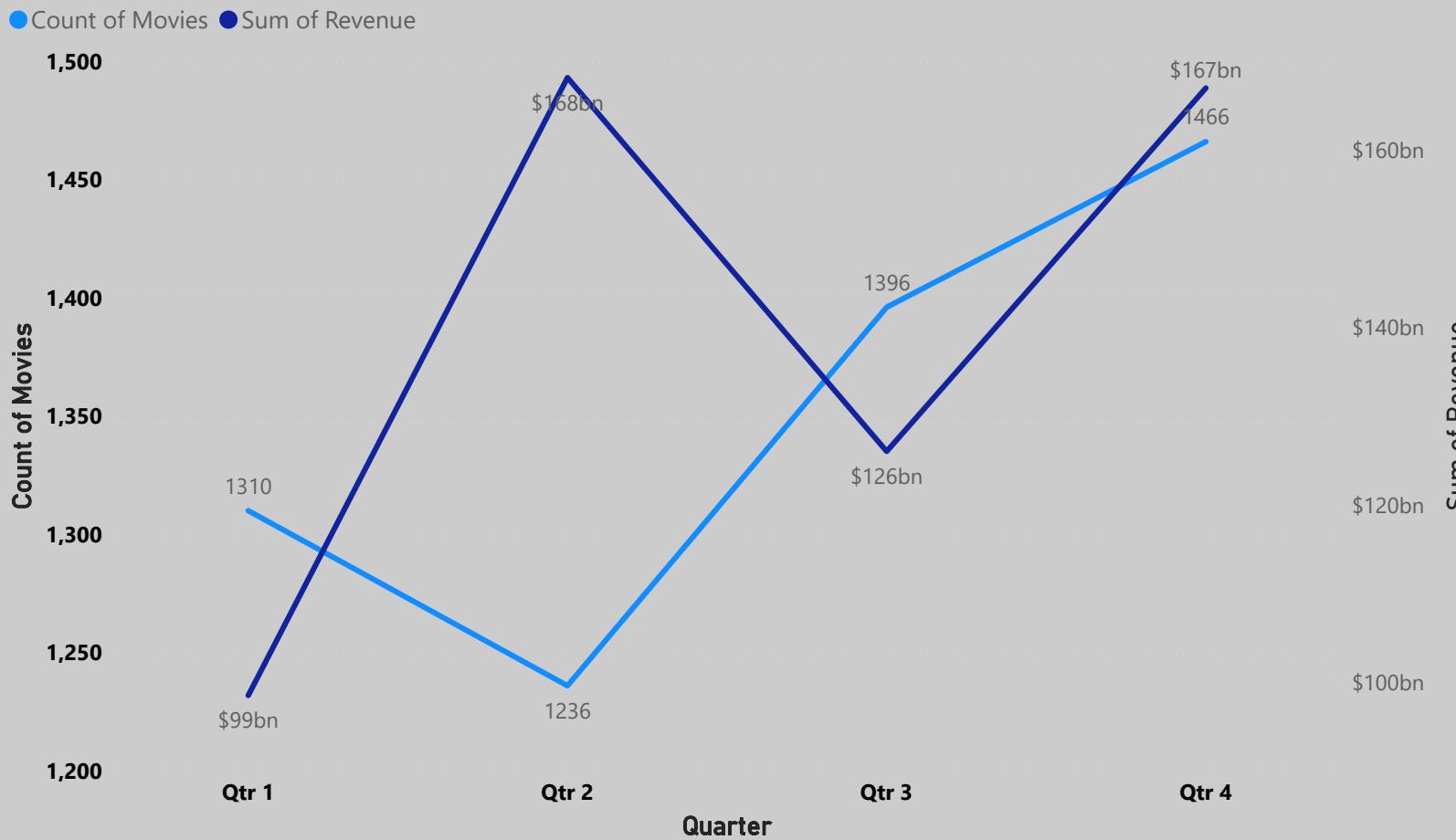
Sum of Revenue by Decade



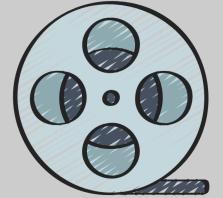
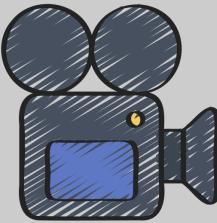
By comparing the lines for total revenue and number of movies released, we can identify patterns. Comparing revenue and release numbers by decade shows long-term trends. For example, the 2010s might show higher growth in both revenue and movie releases compared to previous decades.



Quarterly revenues by Movies



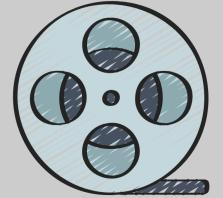
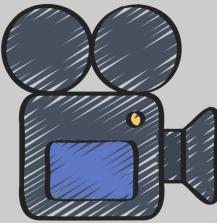
In our line chart, we analyzed movie releases and their total revenues on a quarterly basis. This visualization helps us understand how the number of movies released and their revenues change throughout the year. We notice that quarters with more movie releases often generate higher total revenues.



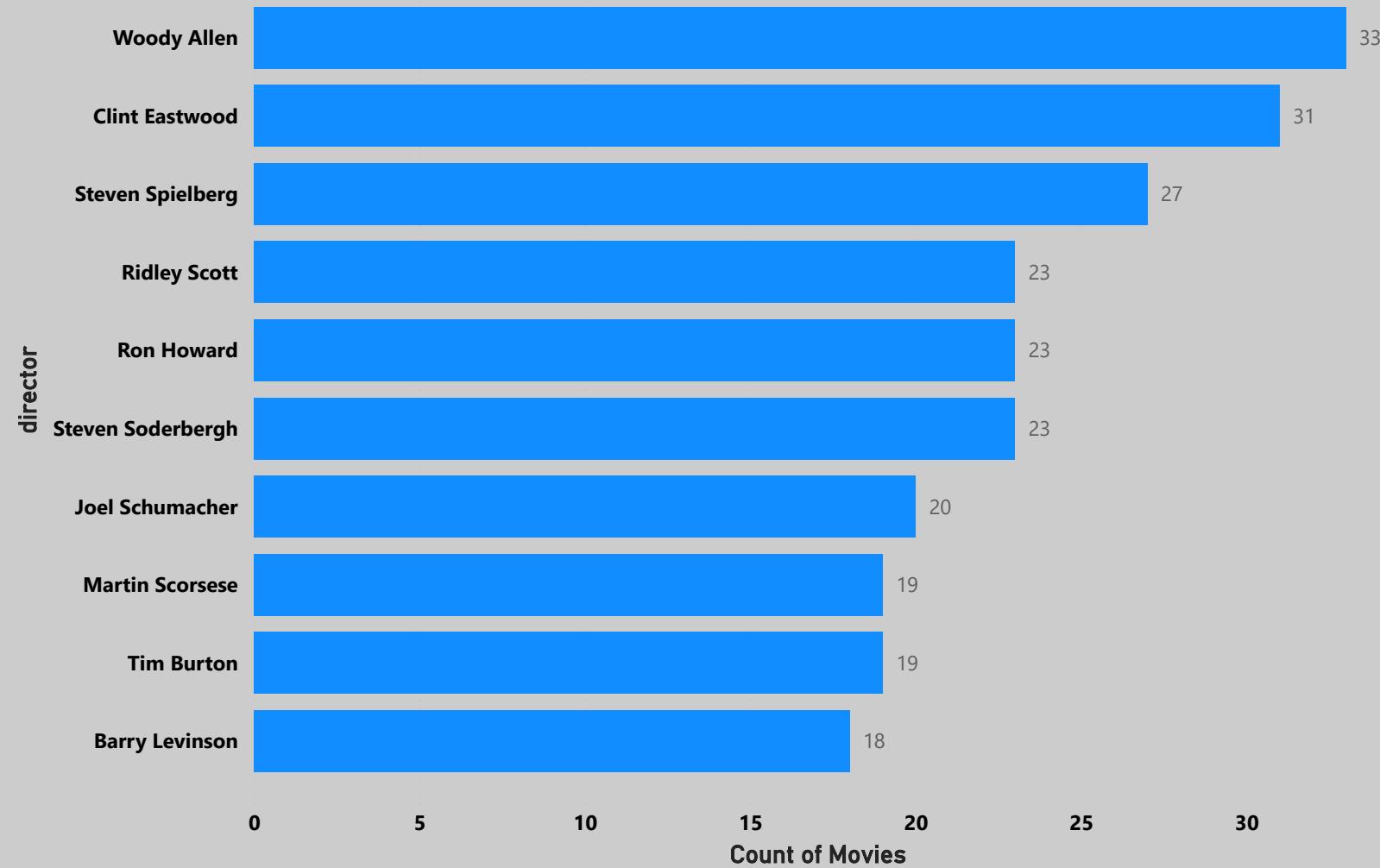
Number of Movies by Country



In our map visualization, we've mapped out the number of movies produced by each country. This helps us see which country leads in movie production and get a sense of global film industry distribution.



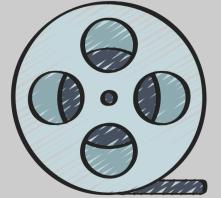
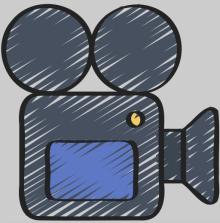
Top 10 directors with Most Movies



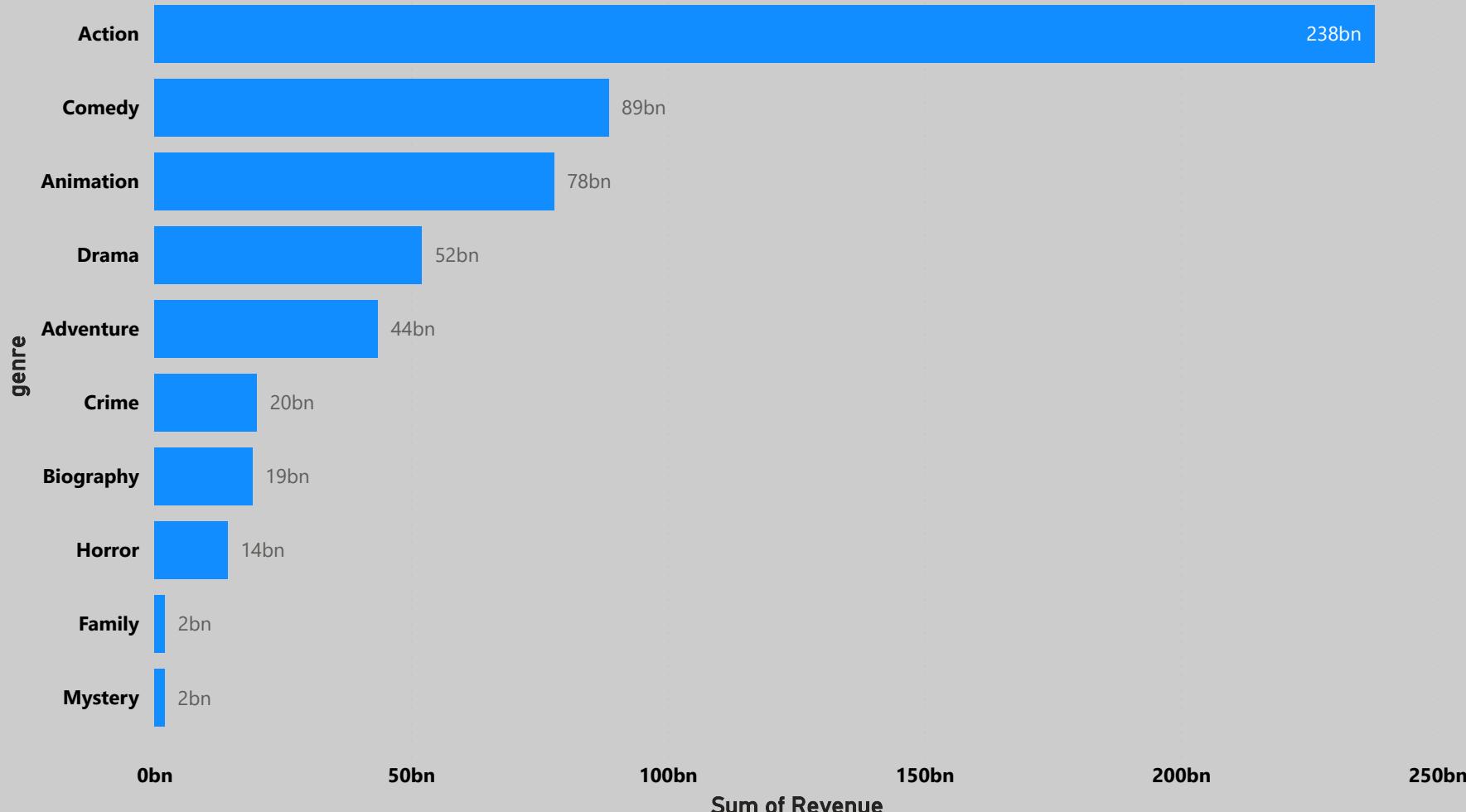
In our bar chart, we've displayed the directors who have made the most movies. This visualization helps us identify which directors are the most prolific in the film industry.

The chart reveals which directors are most active in the industry.

These directors may have a significant influence due to their large body of work. Directors with the most movies might have a major impact on the film industry through their extensive contributions.



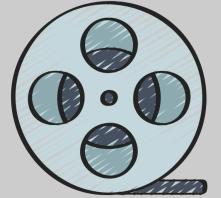
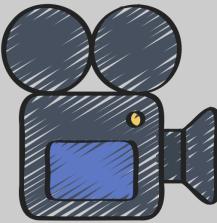
Top 10 Revenue by genre



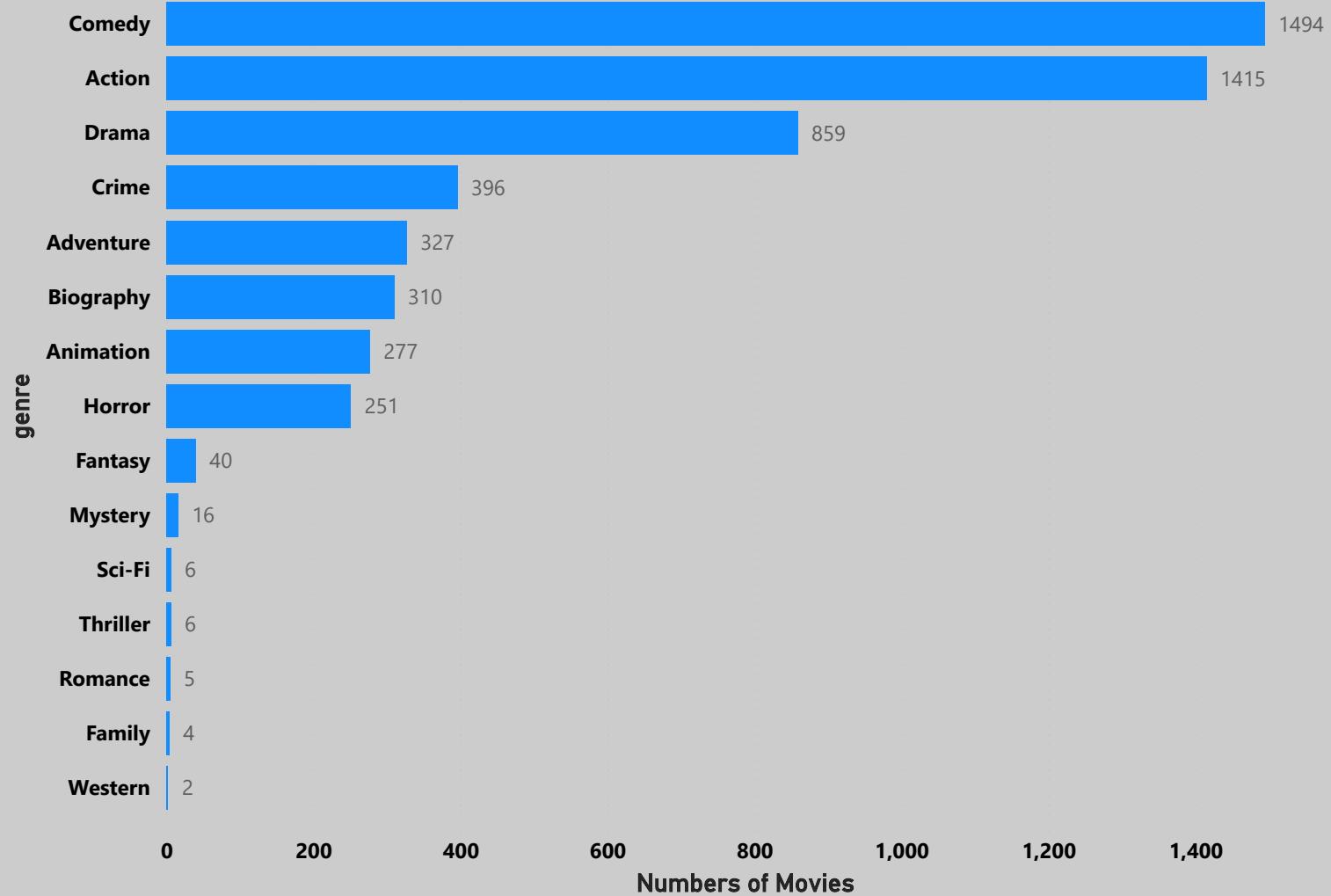
In our bar chart, we've displayed the top ten movie genres based on total revenue. This visualization helps us see which genres are the most financially successful.

The bar chart lists the top ten genres with the highest total revenues. The longest bars represent genres that have earned the most money.

*For example, genres like **Action** and **Comedy** might have the longest bars, indicating they are the top earners.*



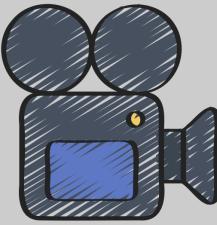
Numbers of Movies by genre



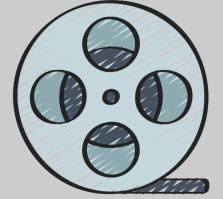
In our bar chart, we've visualized the number of movies produced in each genre. This helps us understand the distribution of movies across different genres. The bar chart shows how many movies are made in each genre. The longer bars represent genres with the most movies.

For example, genres like **Comedy** and **Action** has the longest bars, indicating they are the most popular in terms of production. The chart reveals which genres are produced the most, indicating industry trends and audience preferences.

Genres with the highest number of movies may be more popular or have a higher demand from studios.



CONCLUSION



In conclusion, our analysis of the movie dataset provided valuable insights into various aspects of the film industry. We explored key areas like the number of movies produced by genre, top directors by the number of films, and the countries with the highest movie production. We also looked at trends over time, showing how the number of movie releases and total revenue has changed over the years and decades.

From the data, we found that certain genres, like Action and Comedy, dominate in terms of both the number of movies and total revenue. Some directors and countries stand out for their high production levels, and seasonal and annual trends play an important role in the financial success of films.

Overall, this analysis gives us a clearer understanding of how the movie industry functions, highlighting the most productive areas and revealing key trends that impact the success of movies over time.