

Movies Report

1. Trend Analysis:

- How has the average movie rating changed over the years?
- Is there a correlation between movie release year and gross revenue?
- Are certain genres becoming more popular over time?

2. Genre Analysis:

- Which genre has the highest average rating?
- What are the top genres in terms of gross revenue?
- Are there any trends in the popularity of different genres over the years?

3. Director and Writer Performance:

- Who are the top directors in terms of average movie rating?
- Is there a correlation between the number of movies a director has made and their average movie rating?
- Are movies written by certain writers more likely to be successful?

4. Star Analysis:

- Which star has appeared in the most movies?
- Is there a correlation between the star's popularity and the movie's gross revenue?
- Are there certain stars that consistently appear in high-rated movies?

5. Budget and Revenue:

- Is there a correlation between a movie's budget and its gross revenue?
- How has the average movie budget changed over time?
- Are high-budget movies more likely to receive higher ratings?

6. Country Analysis:

- Which country produces the most movies?
- Is there a correlation between a movie's country of origin and its average rating?
- Are movies from certain countries more likely to be successful internationally?

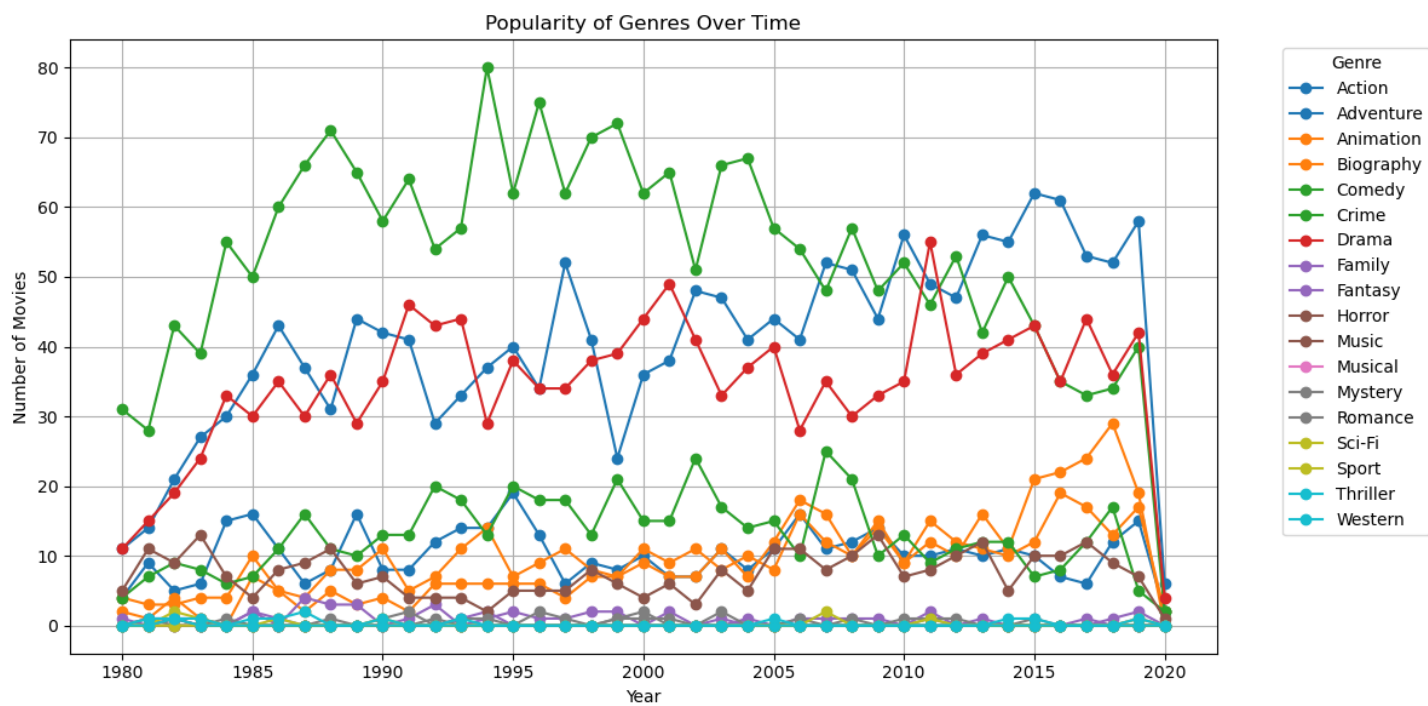
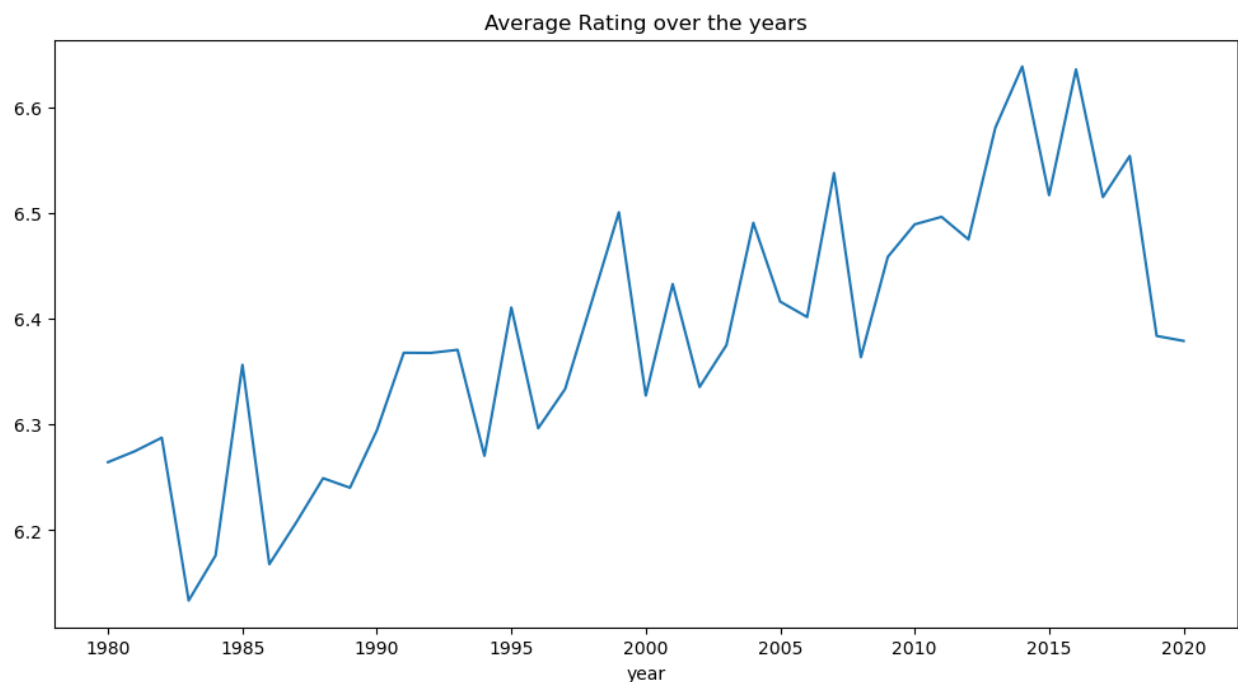
7. Company Analysis:

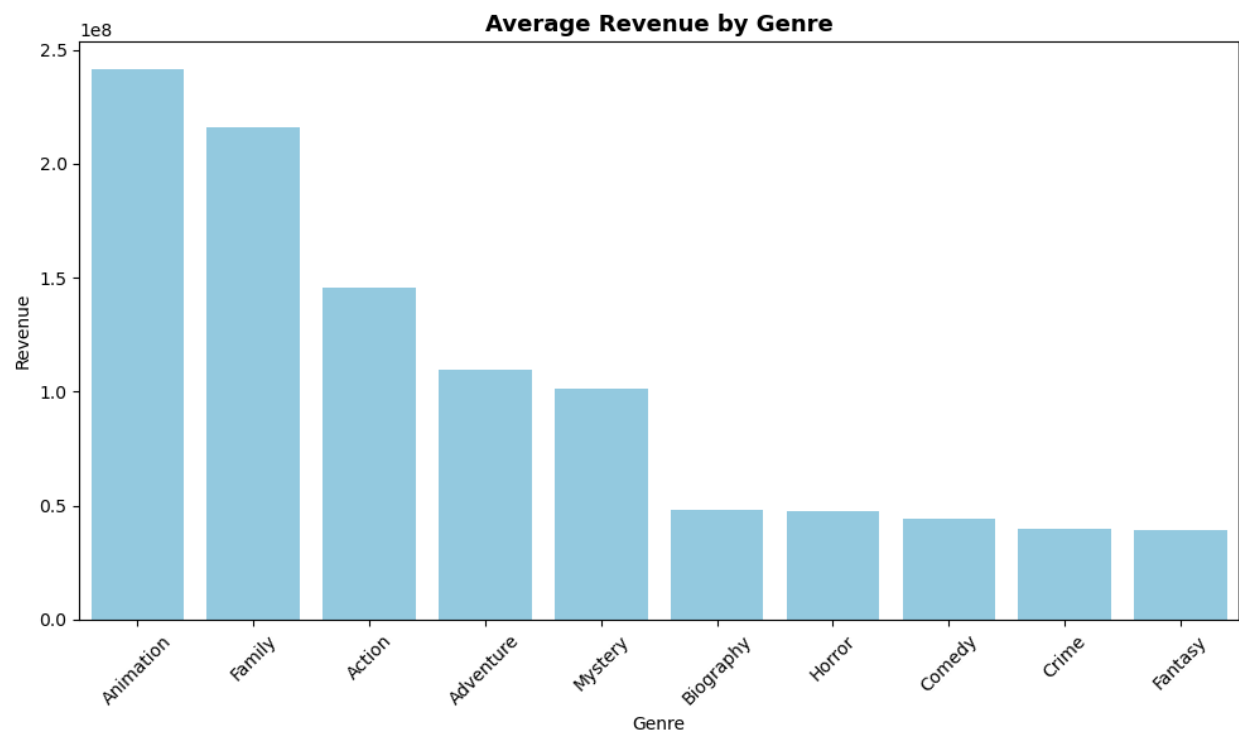
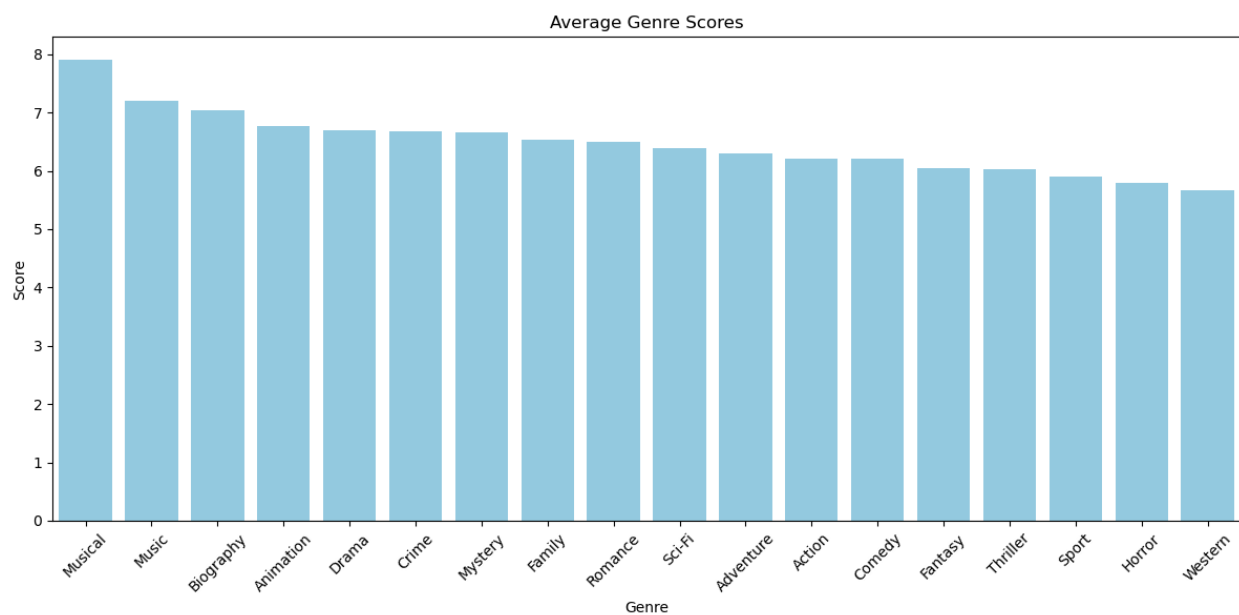
- Which production company has produced the most movies?

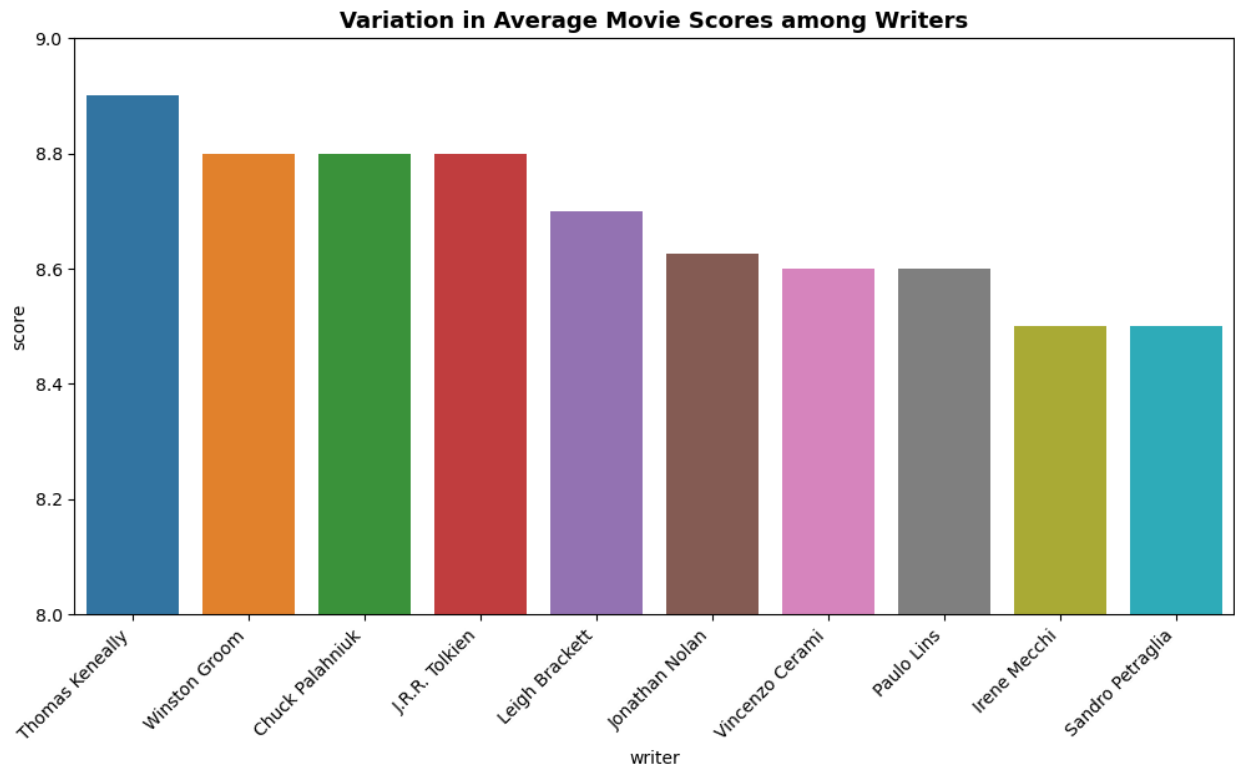
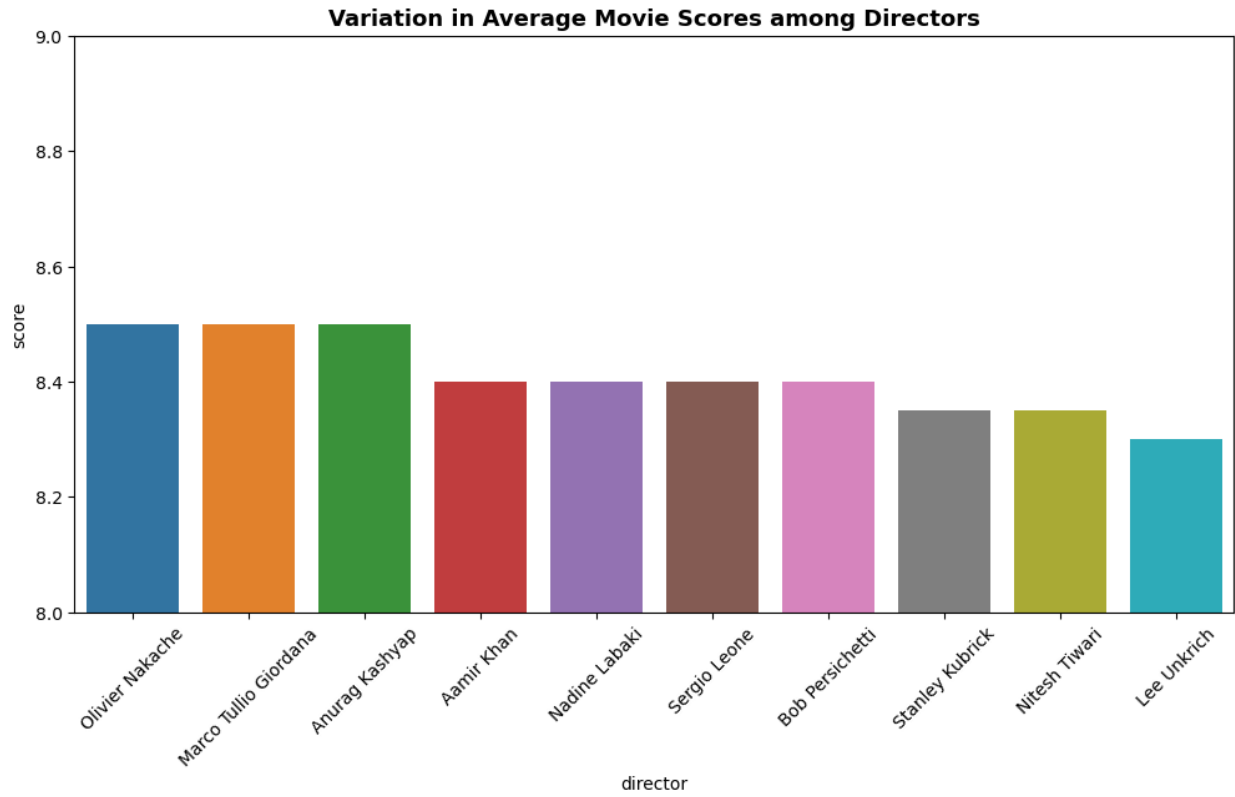
- Is there a correlation between the production company and the movie's average rating or gross revenue?
- Are there certain production companies known for producing high-quality or high-grossing films?

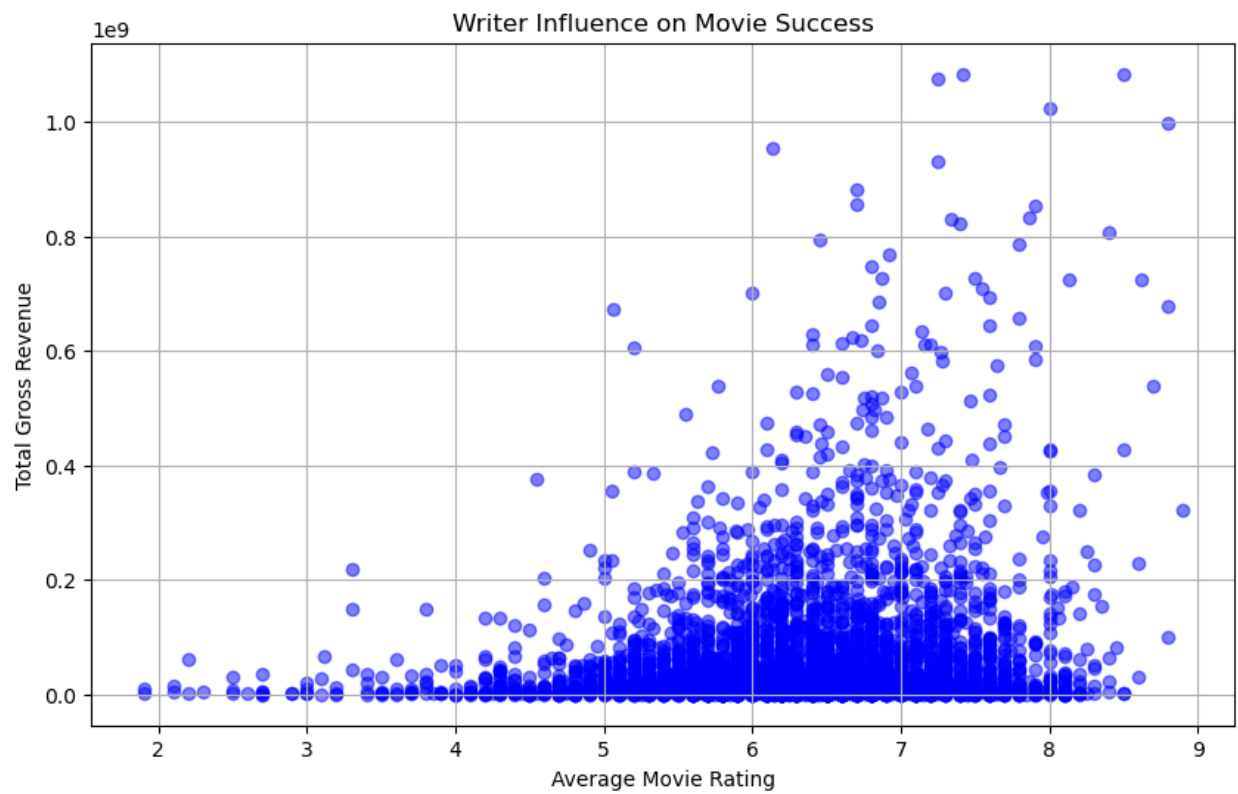
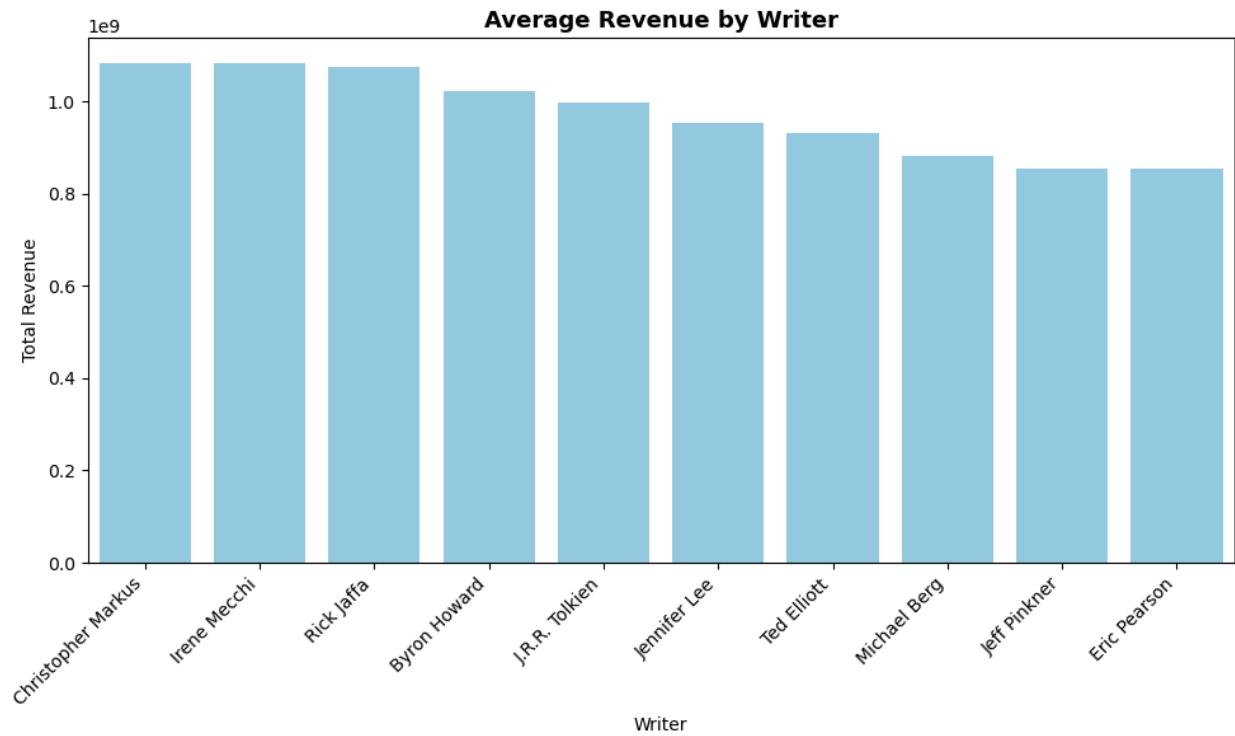
8. Runtime Analysis:

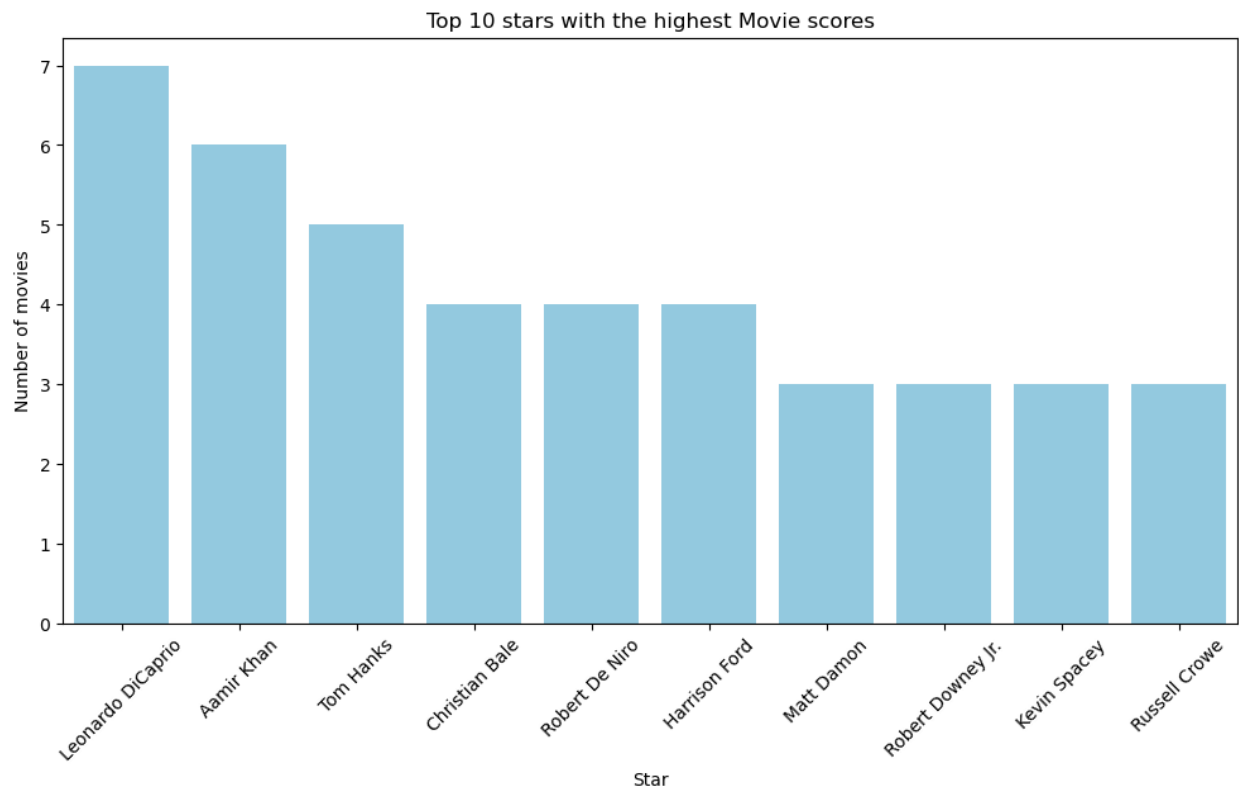
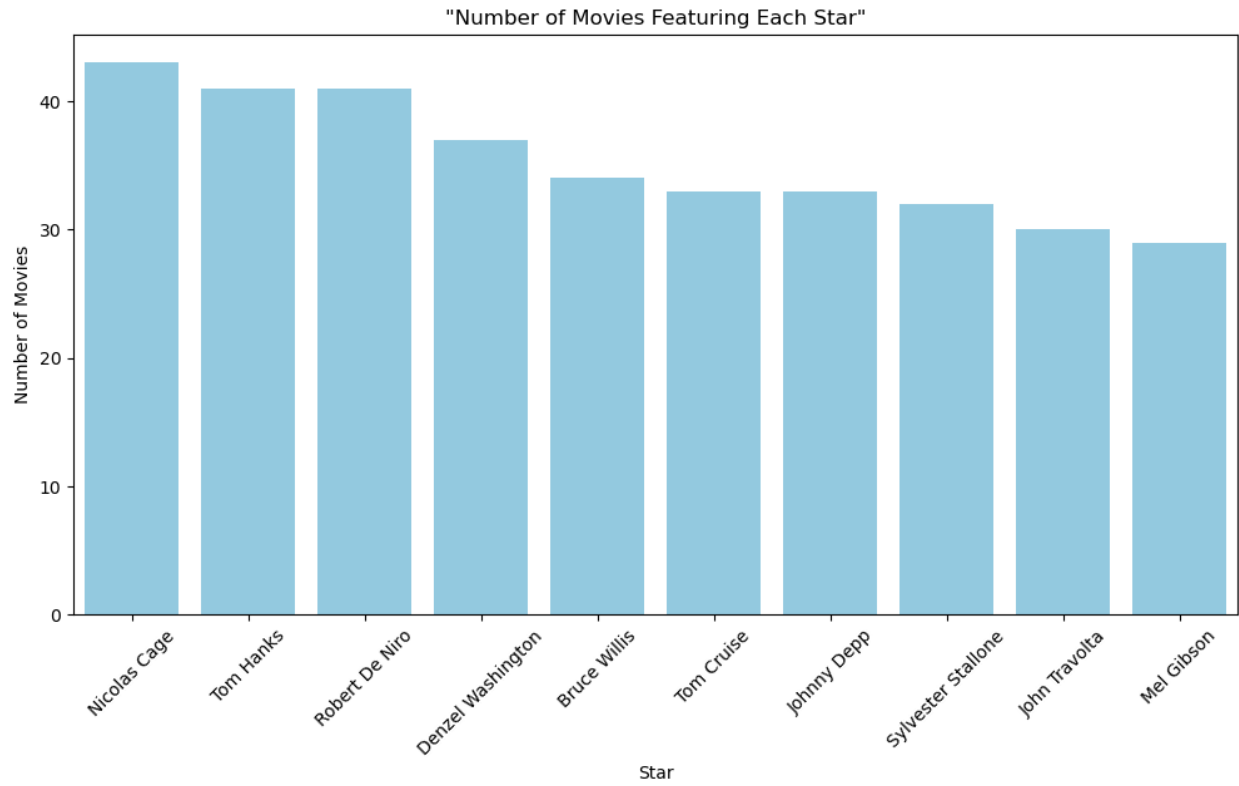
- What is the distribution of movie runtimes?
- Is there a correlation between a movie's runtime and its average rating or gross revenue?
- Are there certain genres that tend to have longer or shorter runtimes?

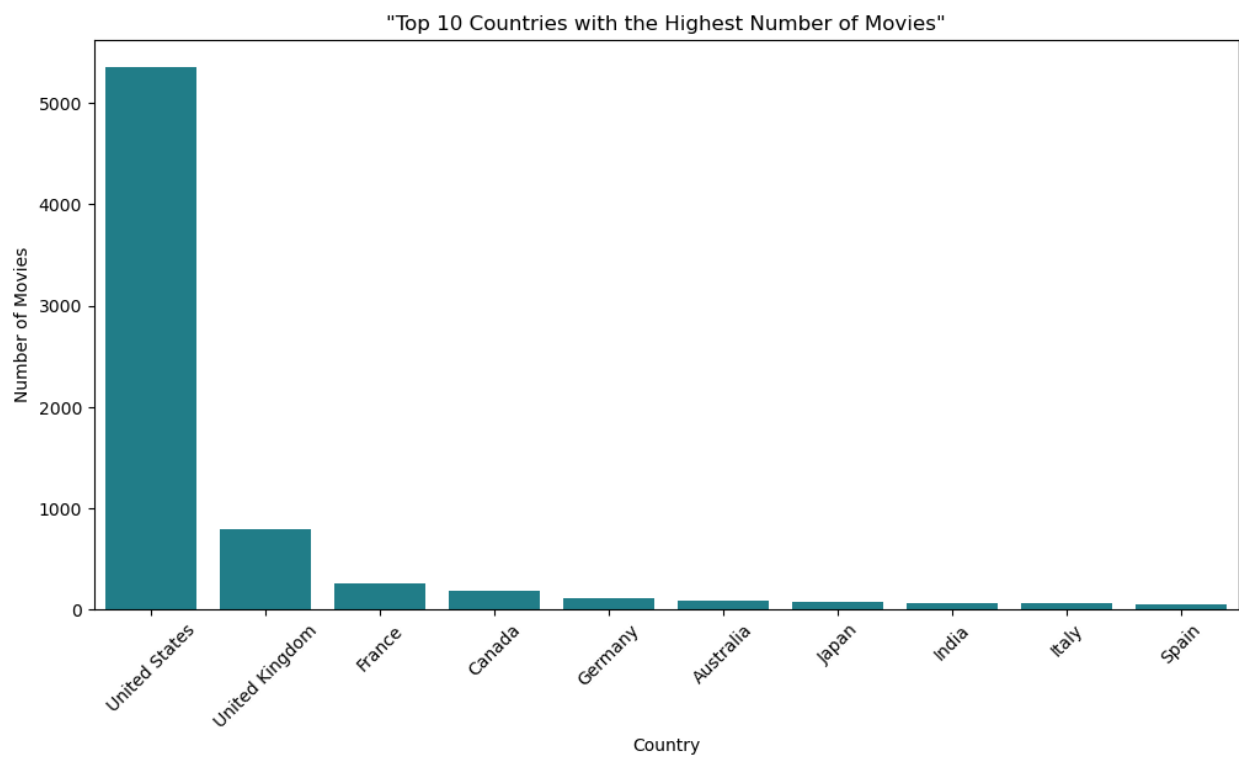
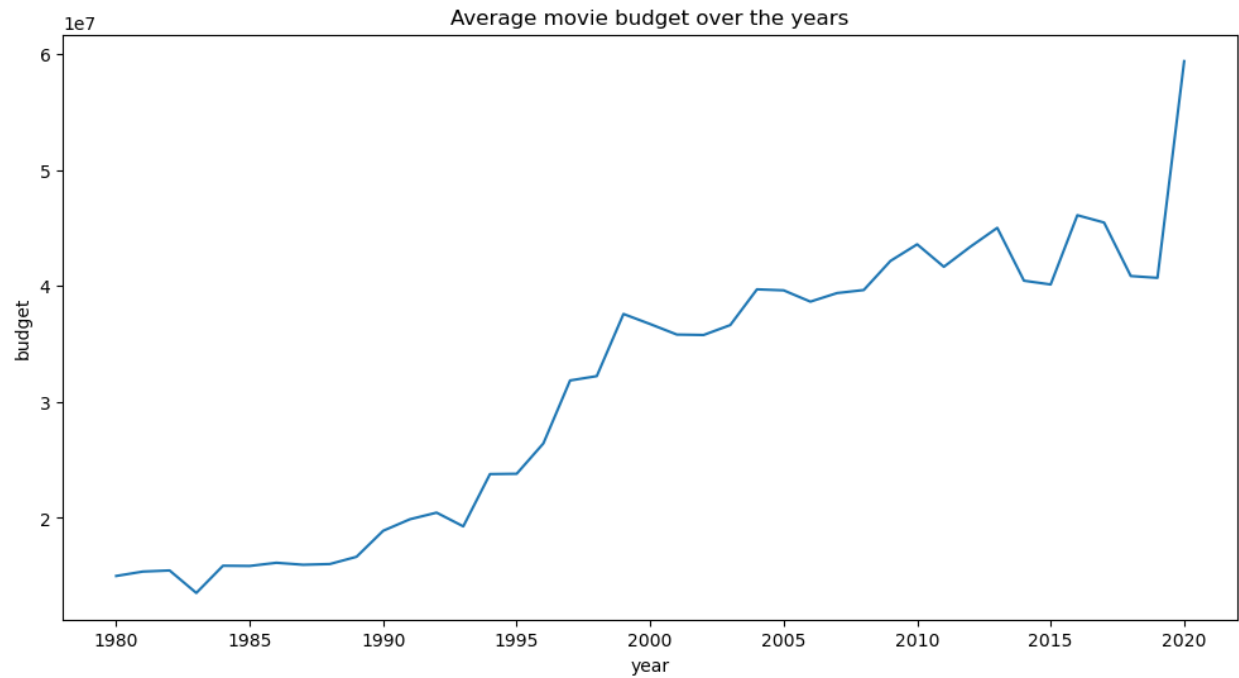


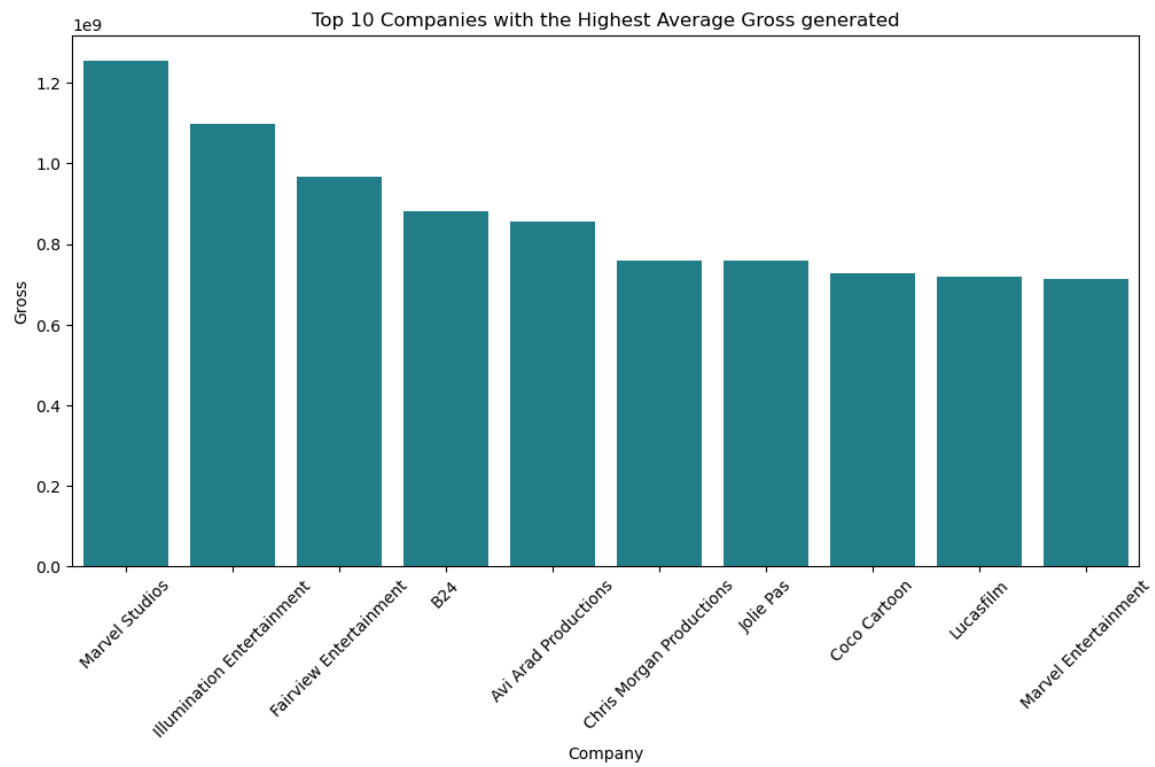
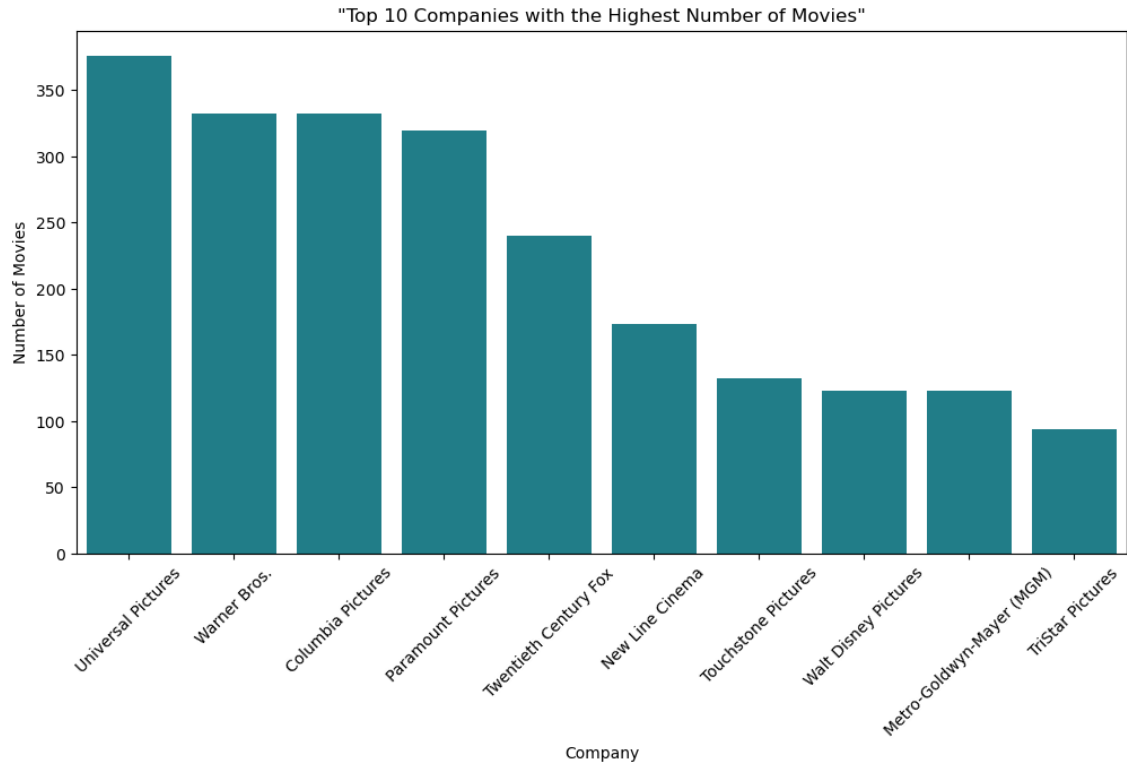


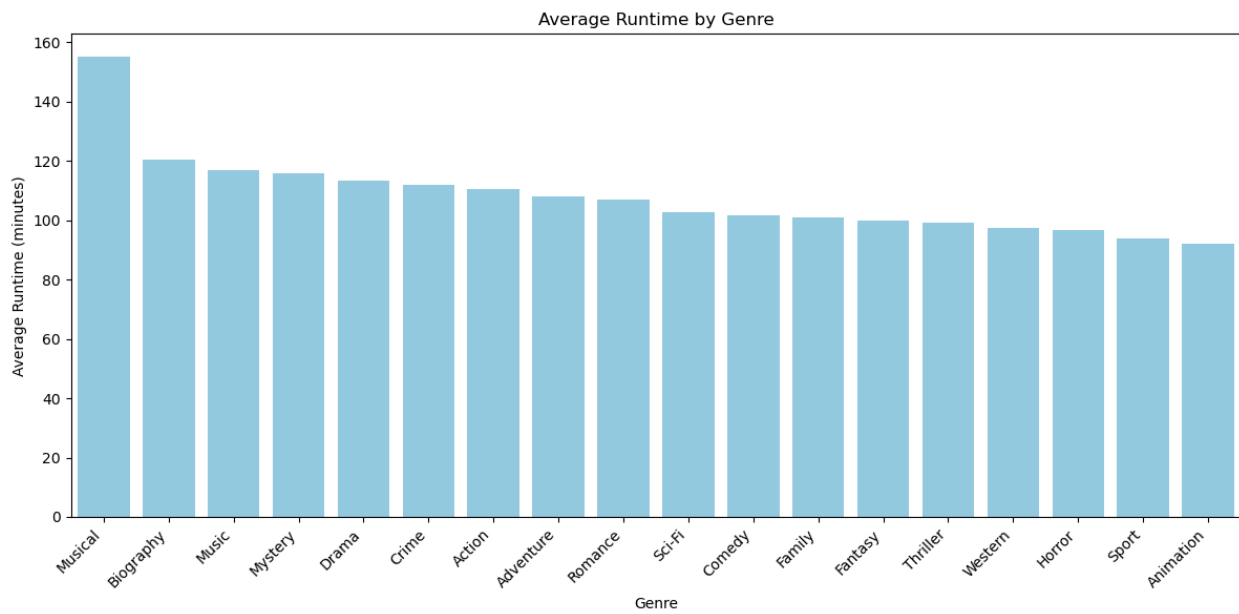
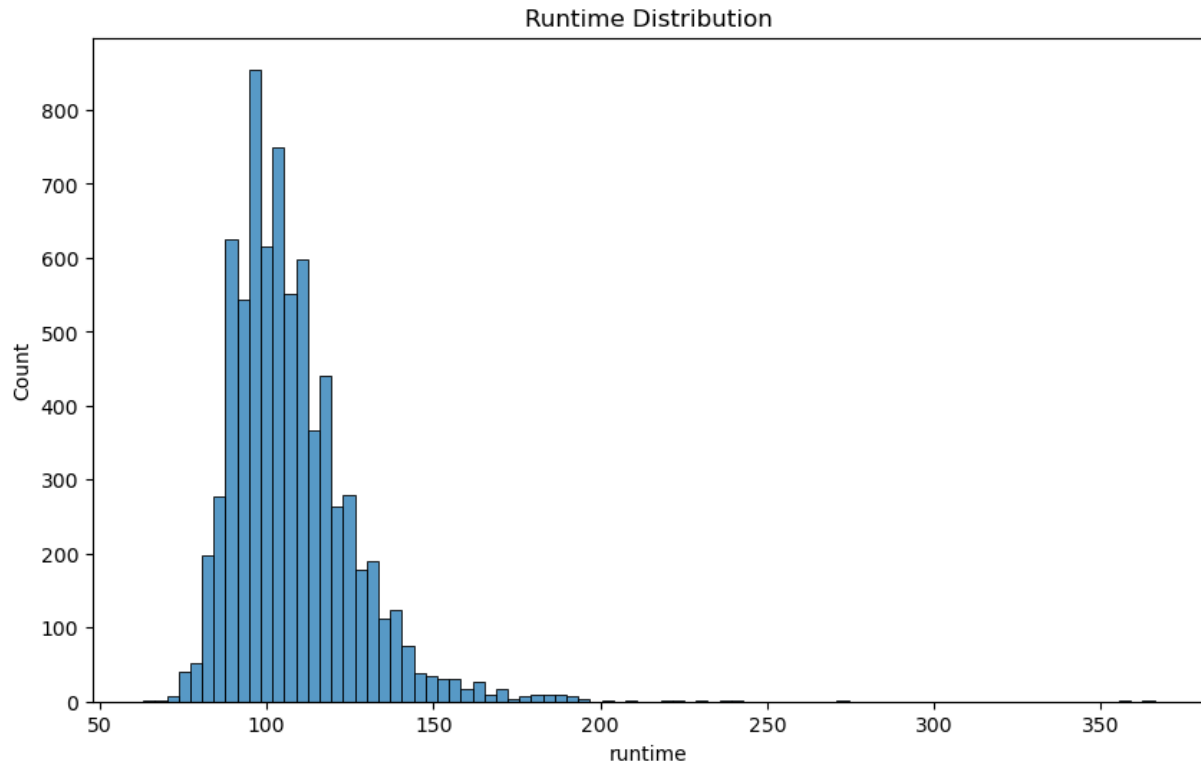


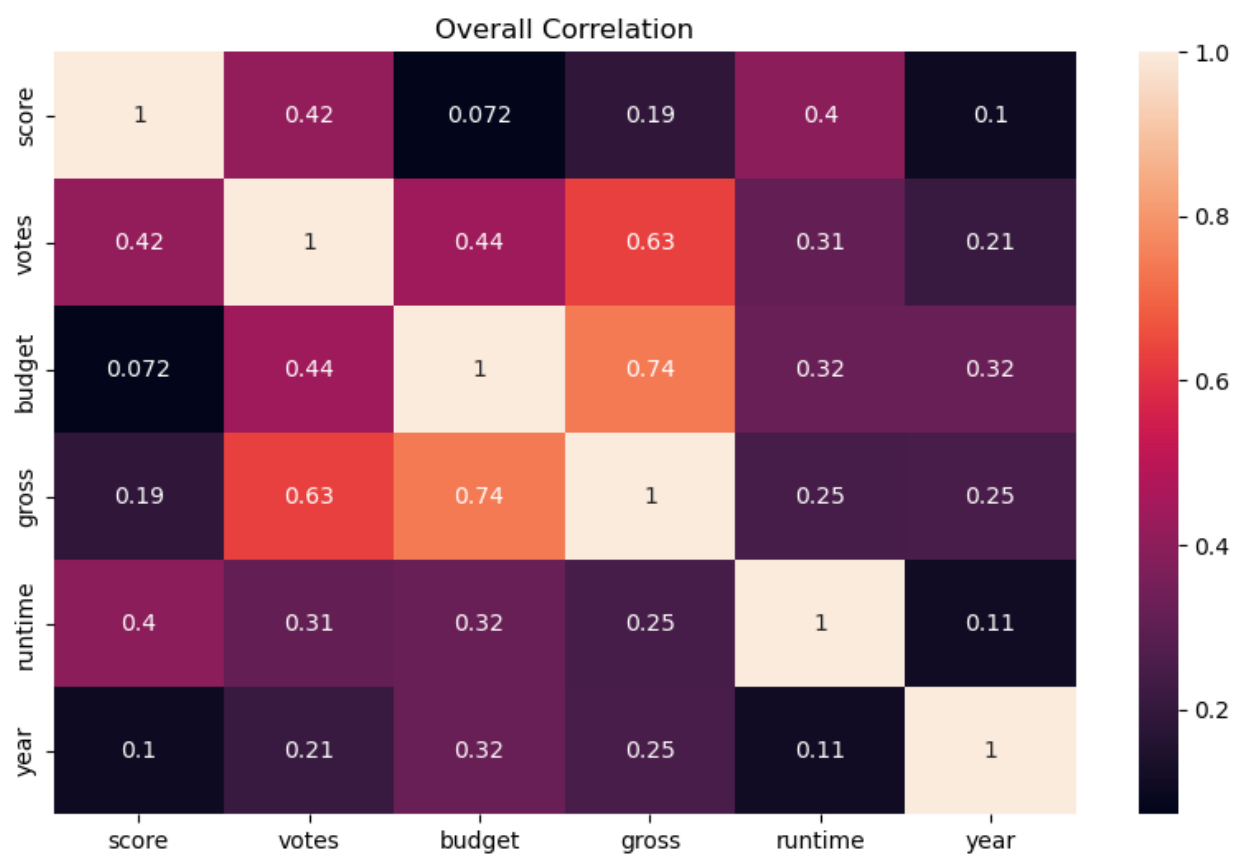












Key insights:

- 1. We observed a slight positive correlation between the release year and gross revenue.**
- 2. Comedy emerged as the most prevalent genre over the years, boasting the highest number of movies.**
- 3. The Musical genre garnered the highest average rating among viewers.**
- 4. Animation movies, on average, generated the highest gross revenue.**
- 5. The top-rated directors include Olivier Nakache, Marco Tullio Giordana, and Anurag Kashyap.**
- 6. A modest positive correlation was found between the number of movies directed by an individual and their average rating.**
- 7. Thomas Keneally is the writer associated with the highest average score.**
- 8. Christopher Markus stands out for achieving the highest average gross revenue among writers.**
- 9. A mild positive correlation was noted between the movie rating and gross revenue when grouped by writer.**
- 10. Nicolas Cage holds the record for the most appearances in movies.**
- 11. Leonardo DiCaprio appeared most frequently in top-rated movies.**
- 12. A significant correlation exists between the movie's budget and its gross revenue.**
- 13. Budgets peaked in the year 2020.**
- 14. We identified a slight positive correlation between the budget and movie rating.**
- 15. The United States leads in movie production.**
- 16. A slight negative correlation was observed between the average rating and the country of origin.**
- 17. When grouped by country, there's a modest negative correlation between the movie rating and gross revenue.**
- 18. Universal Pictures emerged as the production leader in the industry.**
- 19. Marvel Studios boasted the highest average gross revenue among production companies.**
- 20. Runtime distribution follows a normal curve, albeit slightly skewed to the right.**
- 21. The Musical genre boasts the longest average runtime among movie genres.**