

The background features abstract geometric shapes in shades of orange and brown. On the left is a tall, narrow orange triangle pointing downwards. On the right is a larger, more complex shape composed of overlapping triangles and polygons in various shades of orange and brown, with a thin white line intersecting it. The title text is centered between these two shapes.

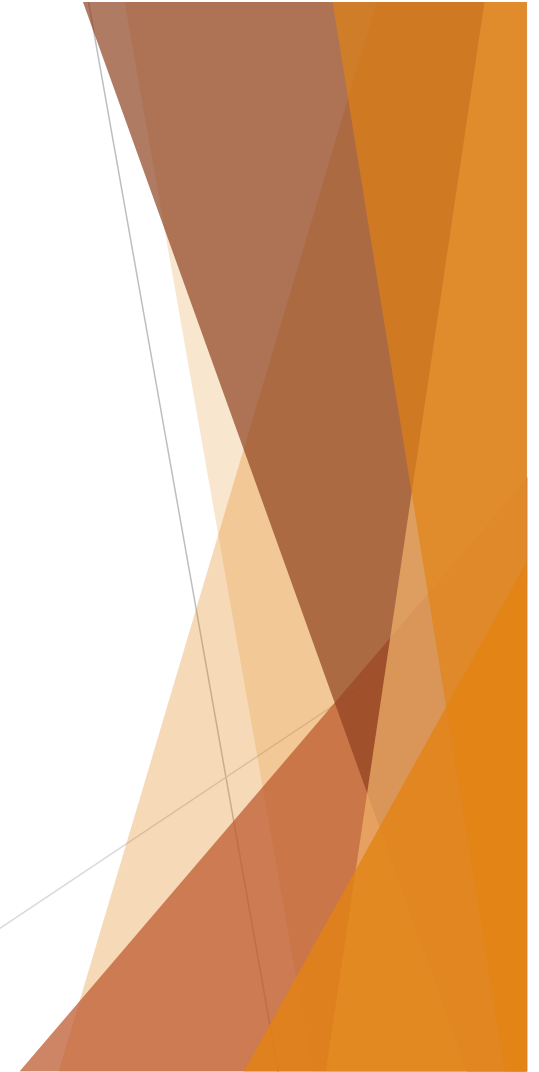
Visualizing Movie Review Data

What dataset contains

Name of the Column	Data Type
Day of Week	String
Director	String
Genre	String
Movie Title	String
Studio	String
Adjusted Gross (\$mill)	Float
Budget	Float
Gross (\$mill)	Float
IMDb Rating	Float
Movie Lens Rating	Float
Overseas (\$mill)	Float
Overseas%	Float
Profit (\$mill)	Float
Profit%	Float
Runtime (min)	int
Gross % US	Float

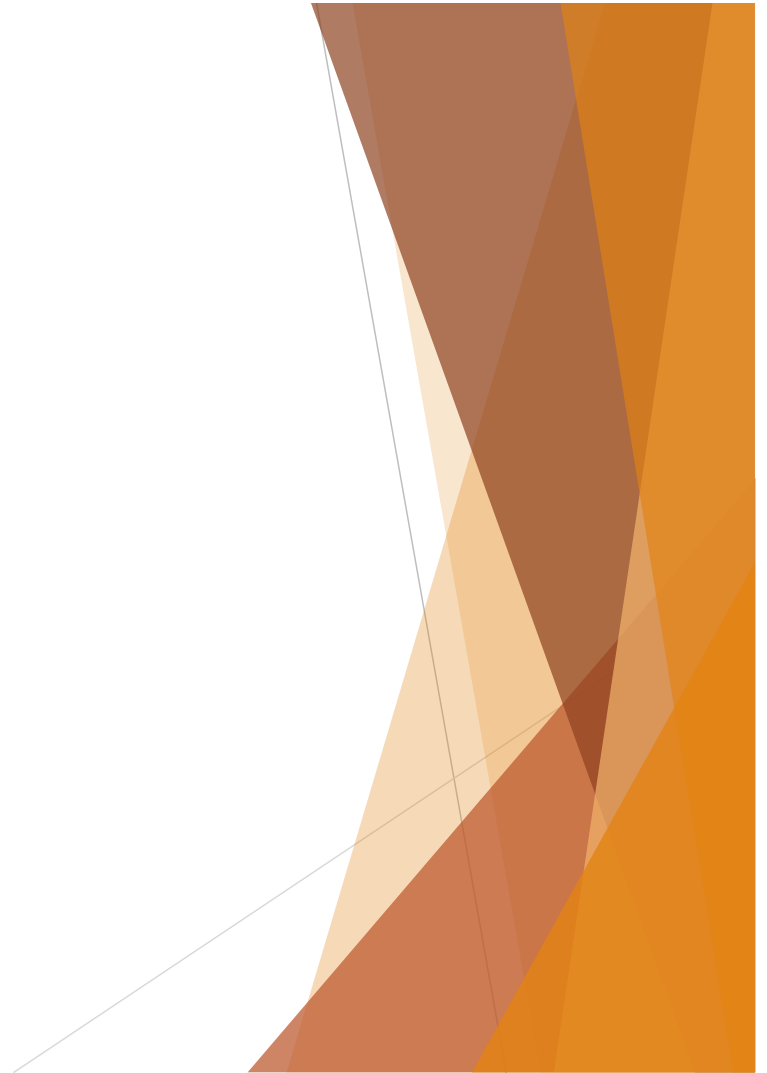
Information from visualizations will be showing from the data set

- The day of week where more releases were made
- The count by Genre which genre has more releases
- The amount collected in home (USA) by Genre by Different Studios
- Average Profit percentage by day of the week
- How the budget is affecting the runtime and the like of people (ratings) whether the people are liking long running(runtime) movies or short runtime movies
- The top 5 directors their collections for the movies(profit)
- The movies that performed poor in overseas
- Group data of IMDB ratings and Movie lens Ratings by Genre from this we can see which genre got more liking from people/Ratings vs Income
- Budget vs Income (profit percent) low budget high profit percent movies

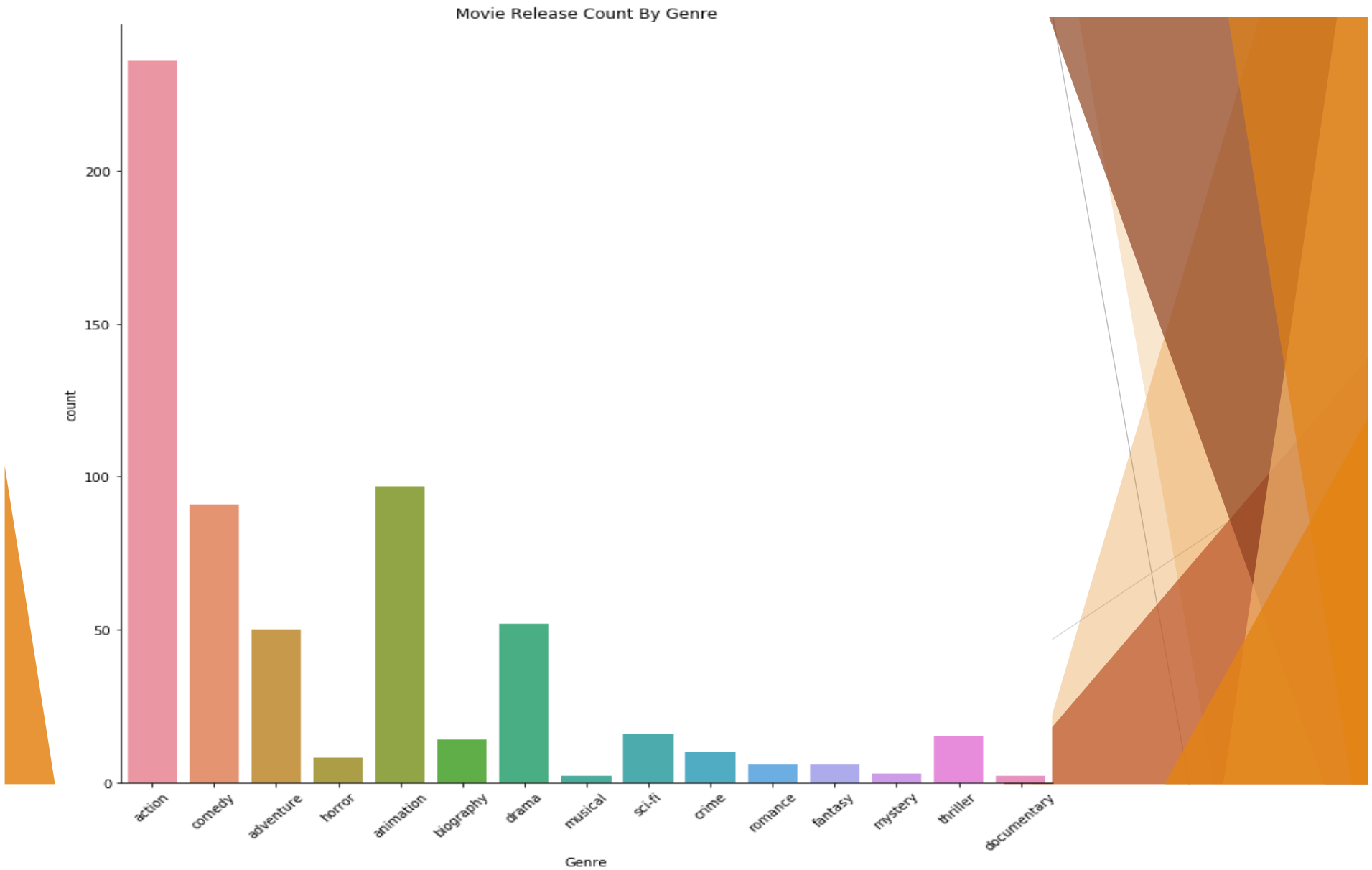


Technologies used

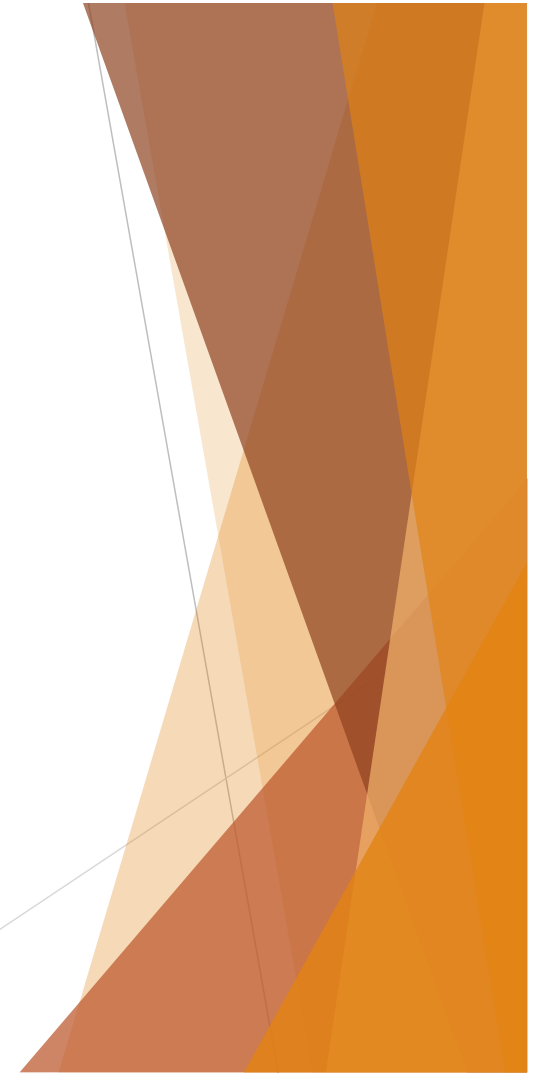
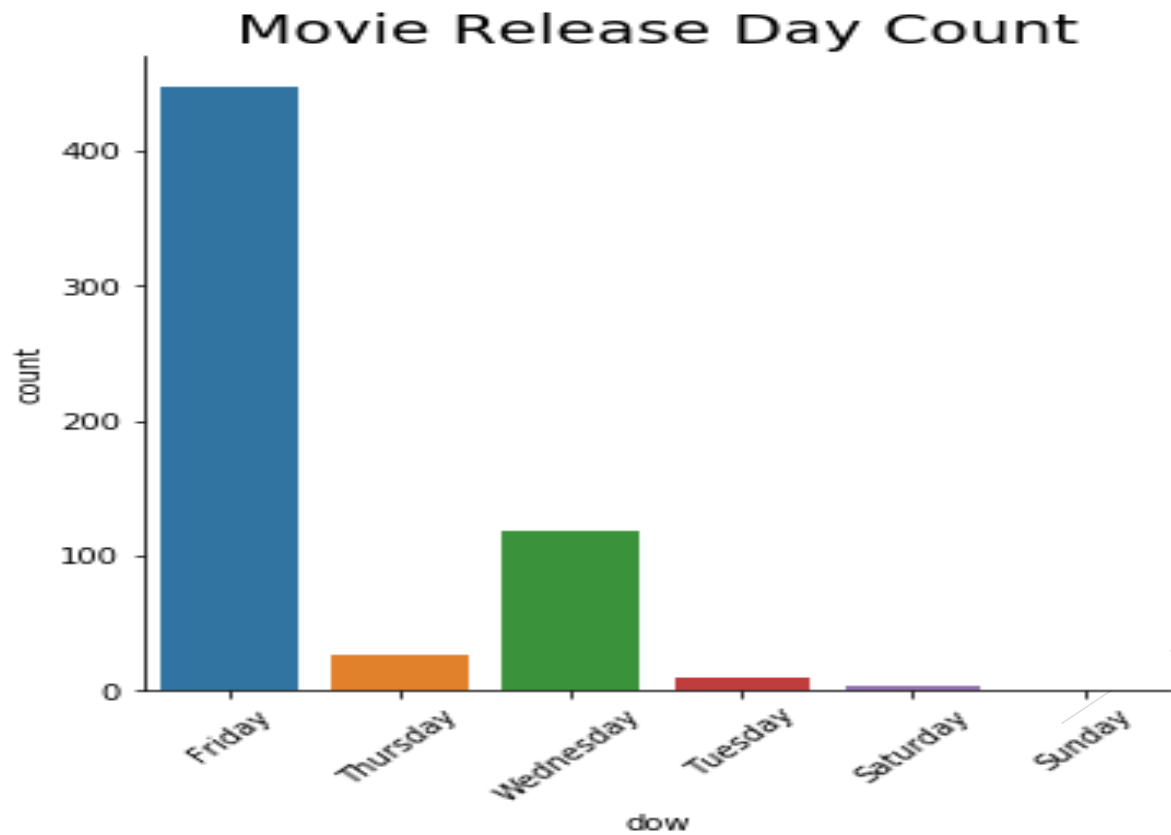
- Python
- Matplot library
- Plotly
- Seaborn Library



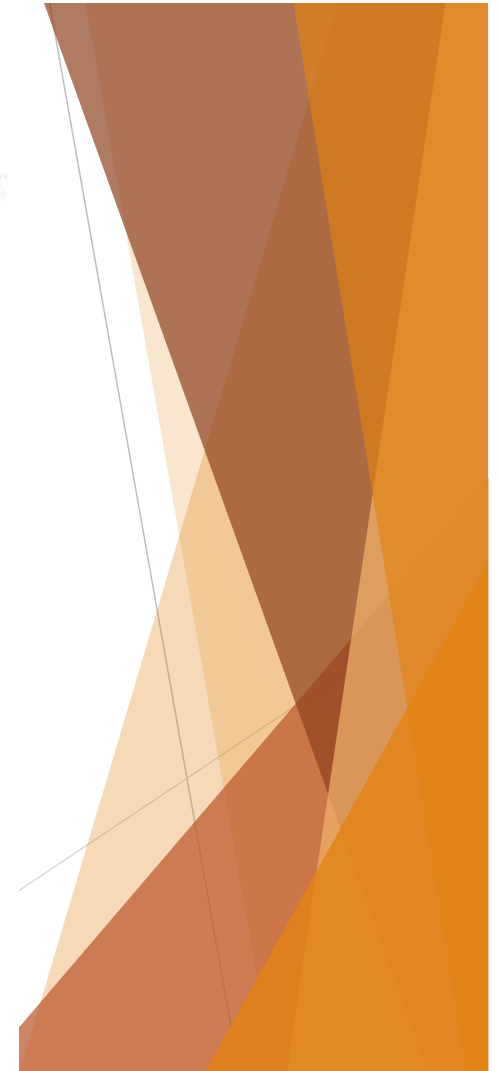
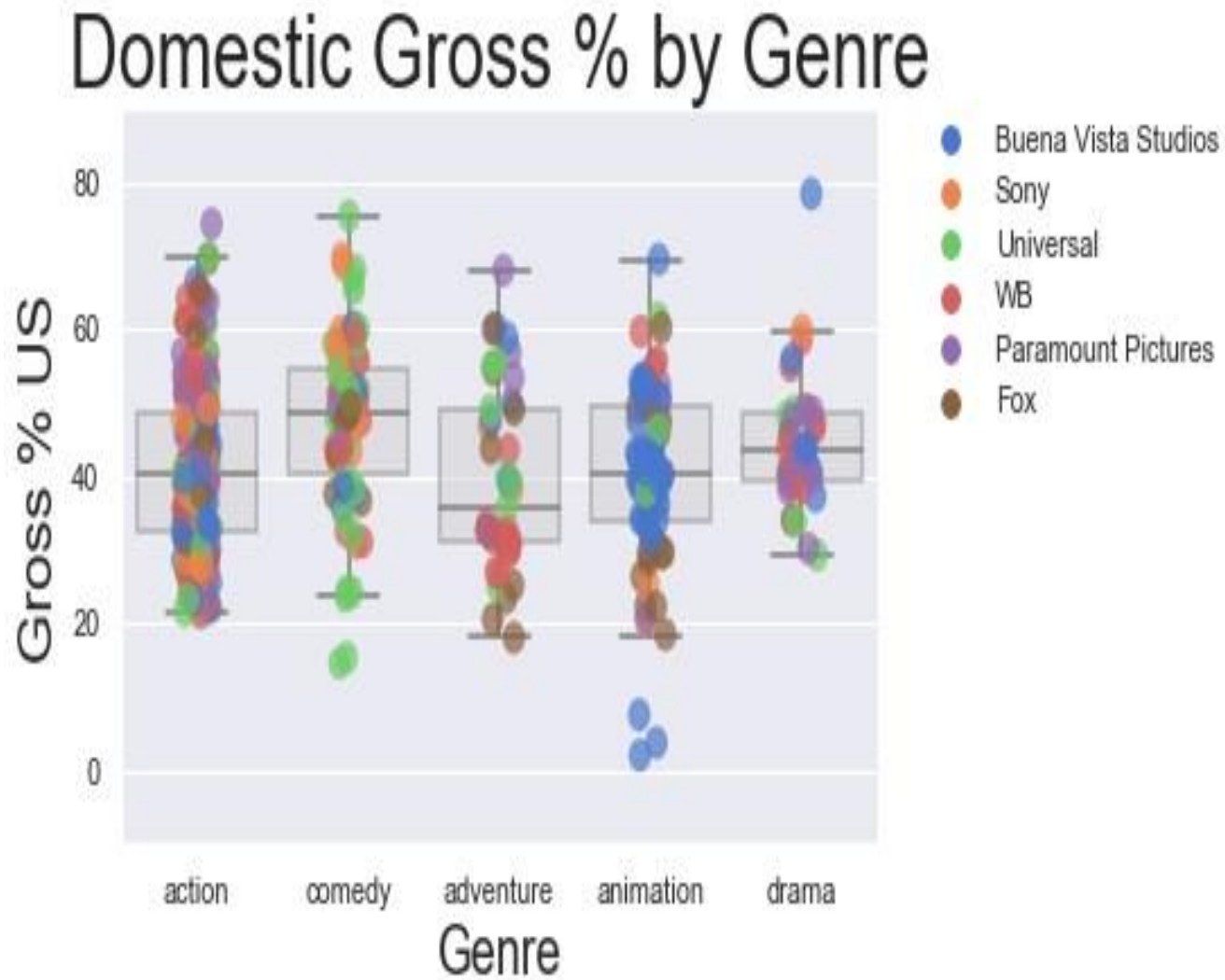
Movie Release Count By Genre



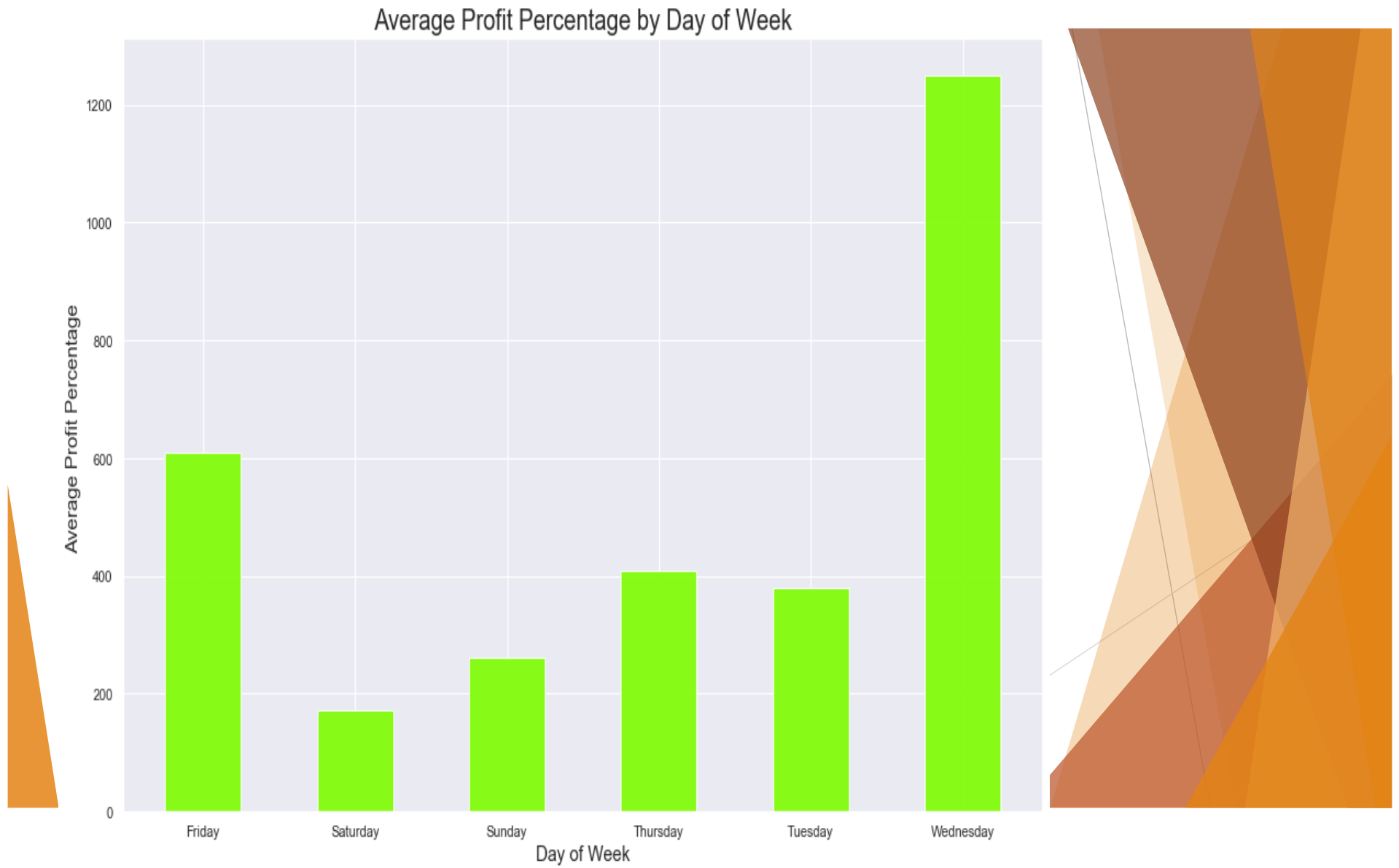
Movie Release Day Count



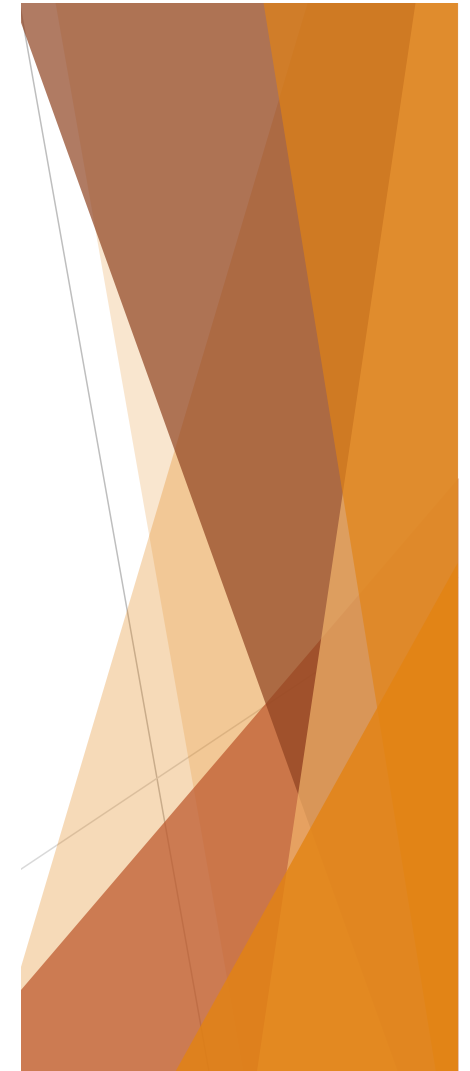
Domestic Gross % by Genre



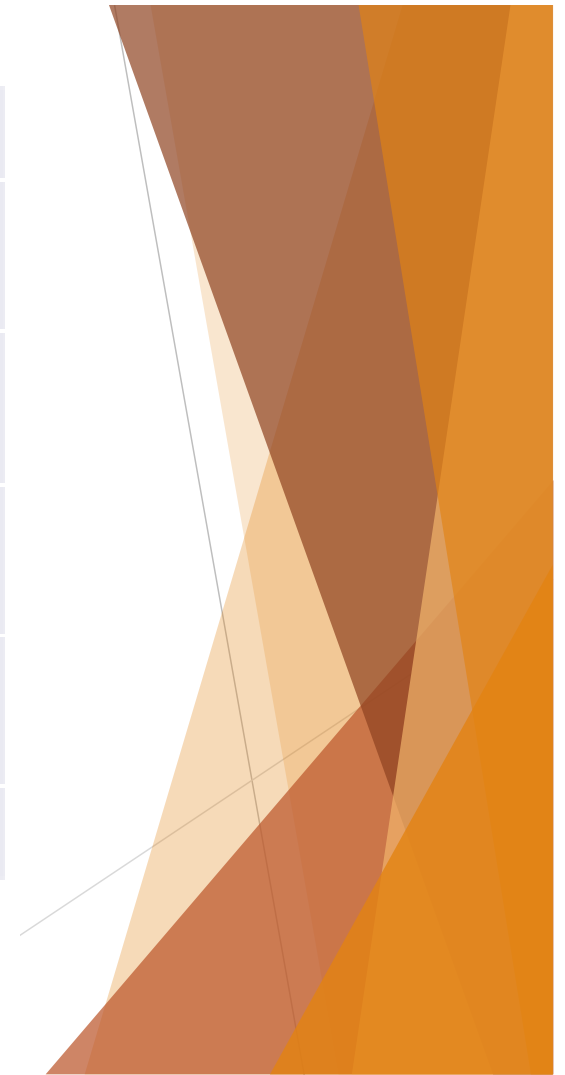
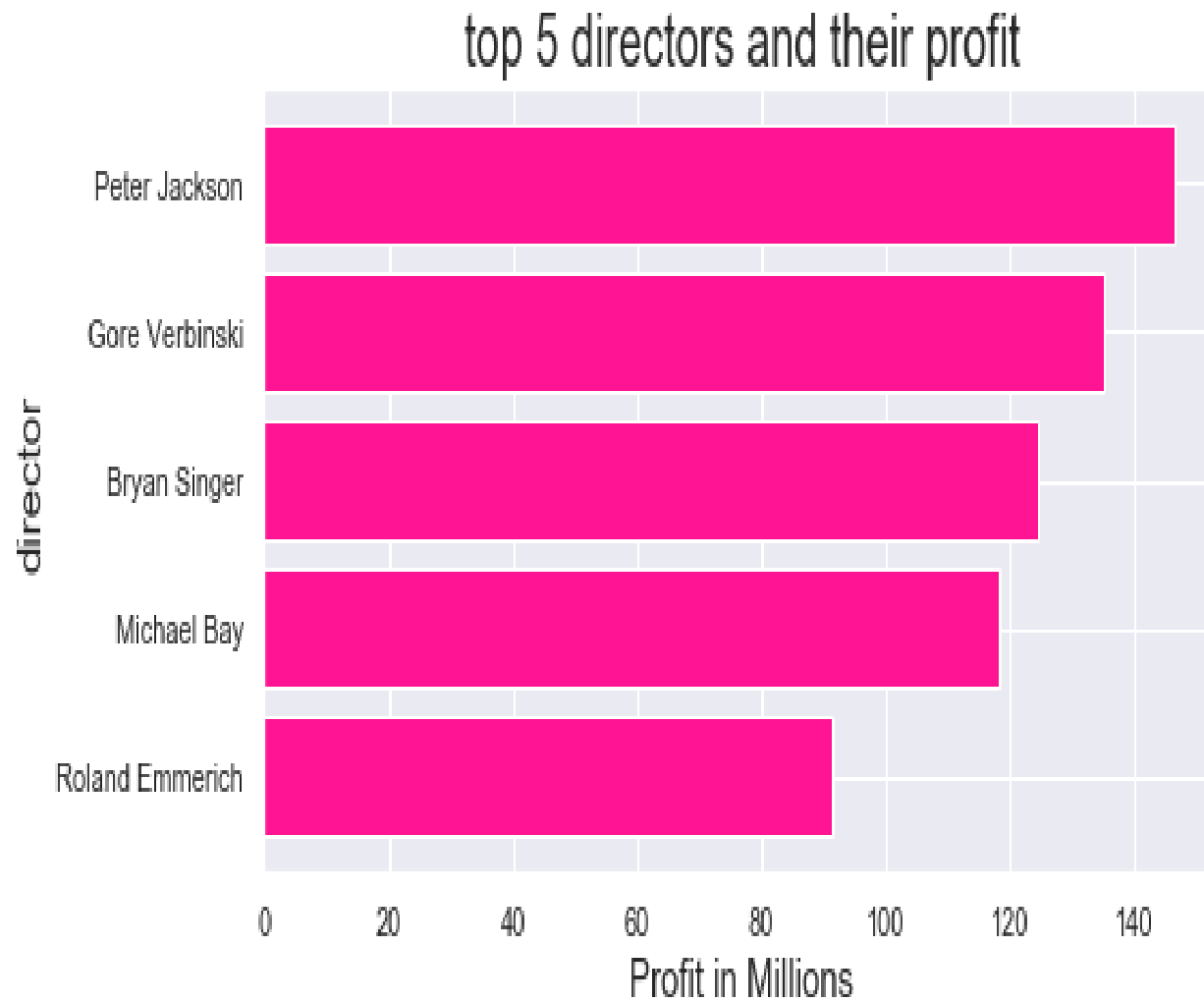
Average Profit Percentage by Day of Week



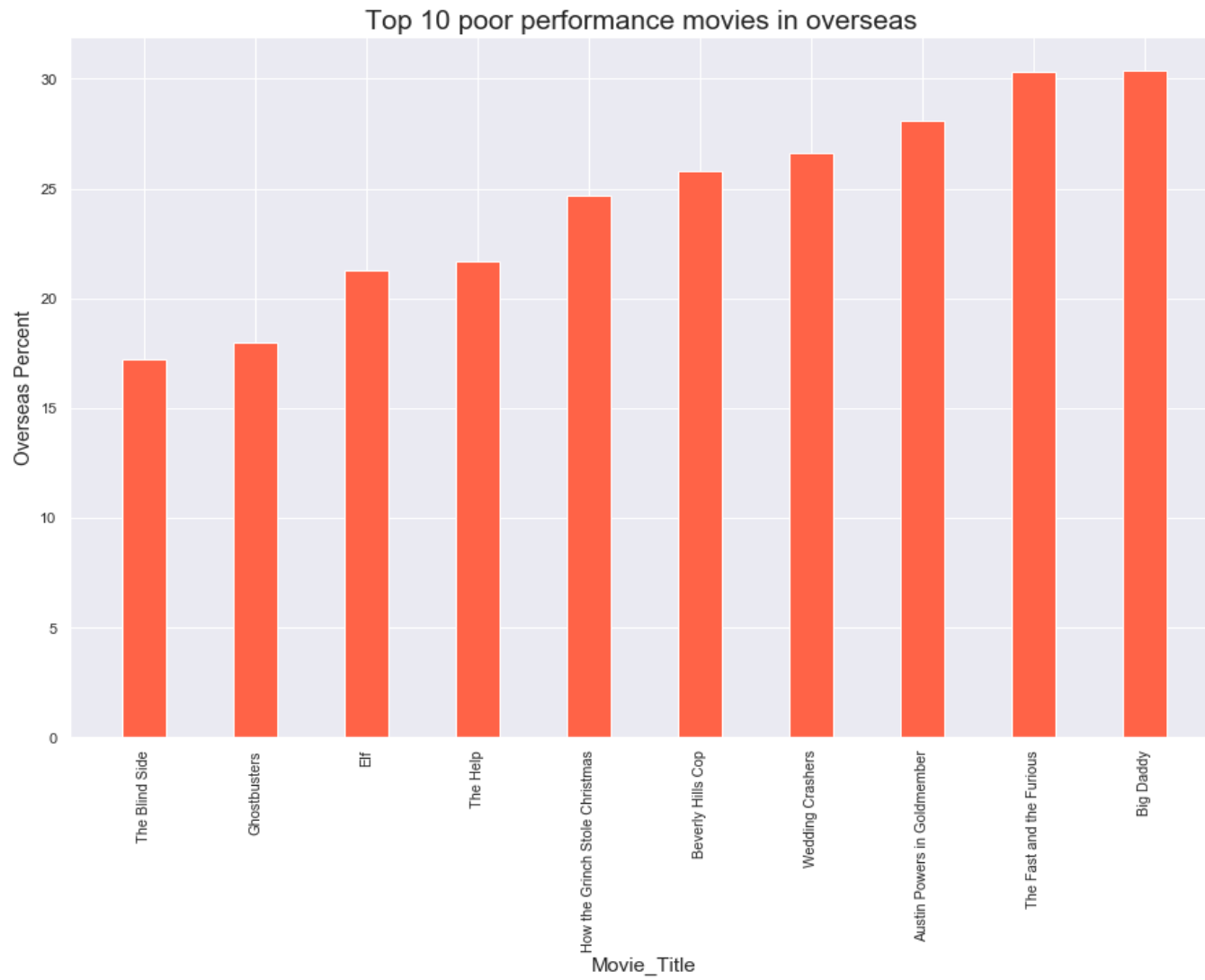
Budget vs. Runtime their IMDB Ratings



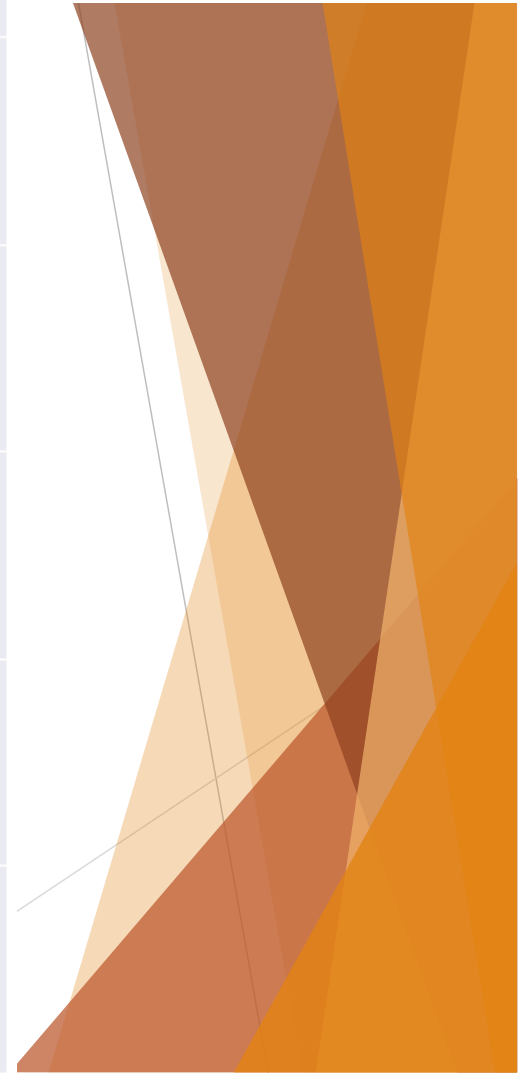
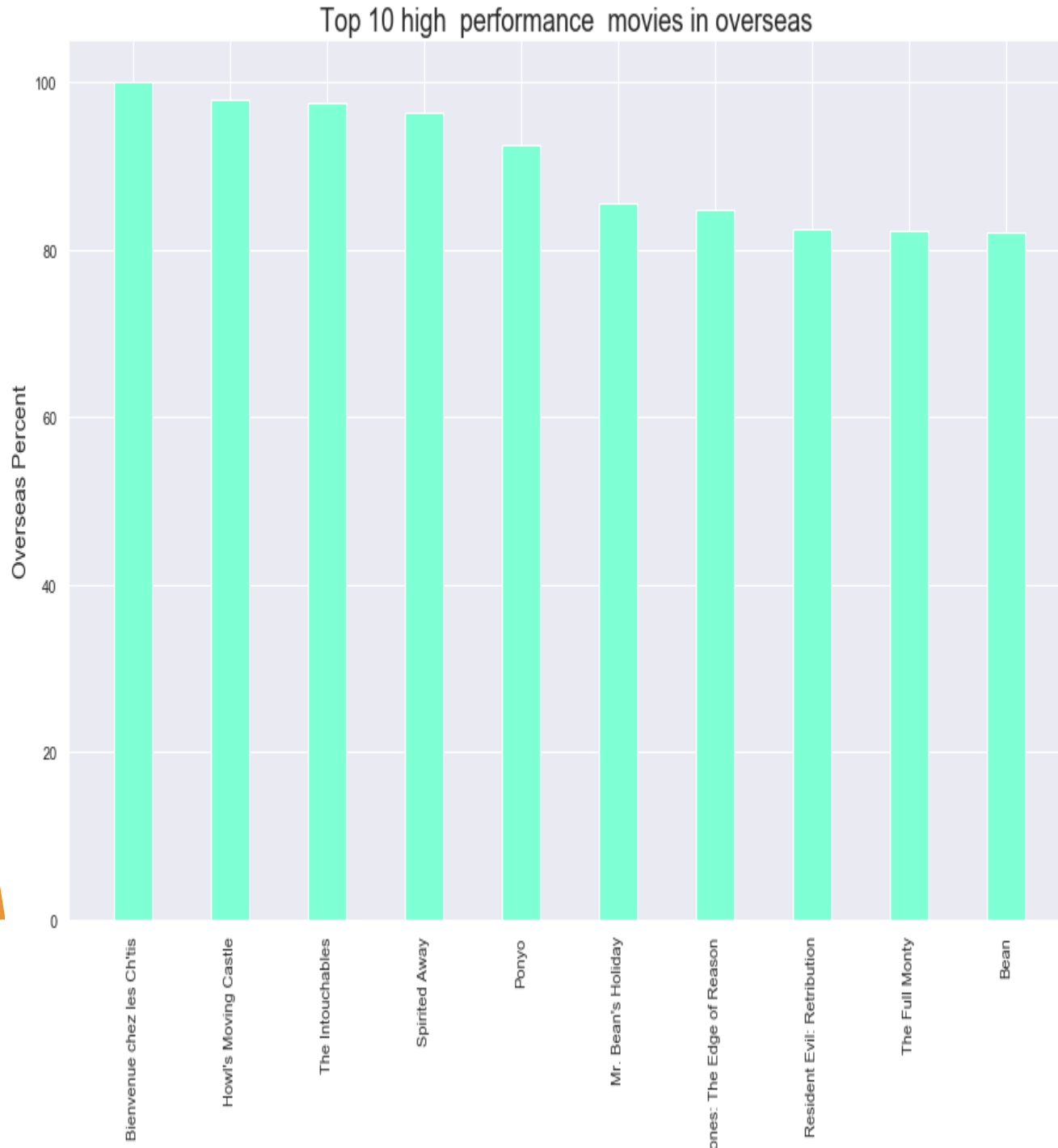
Top 5 directors and their profit



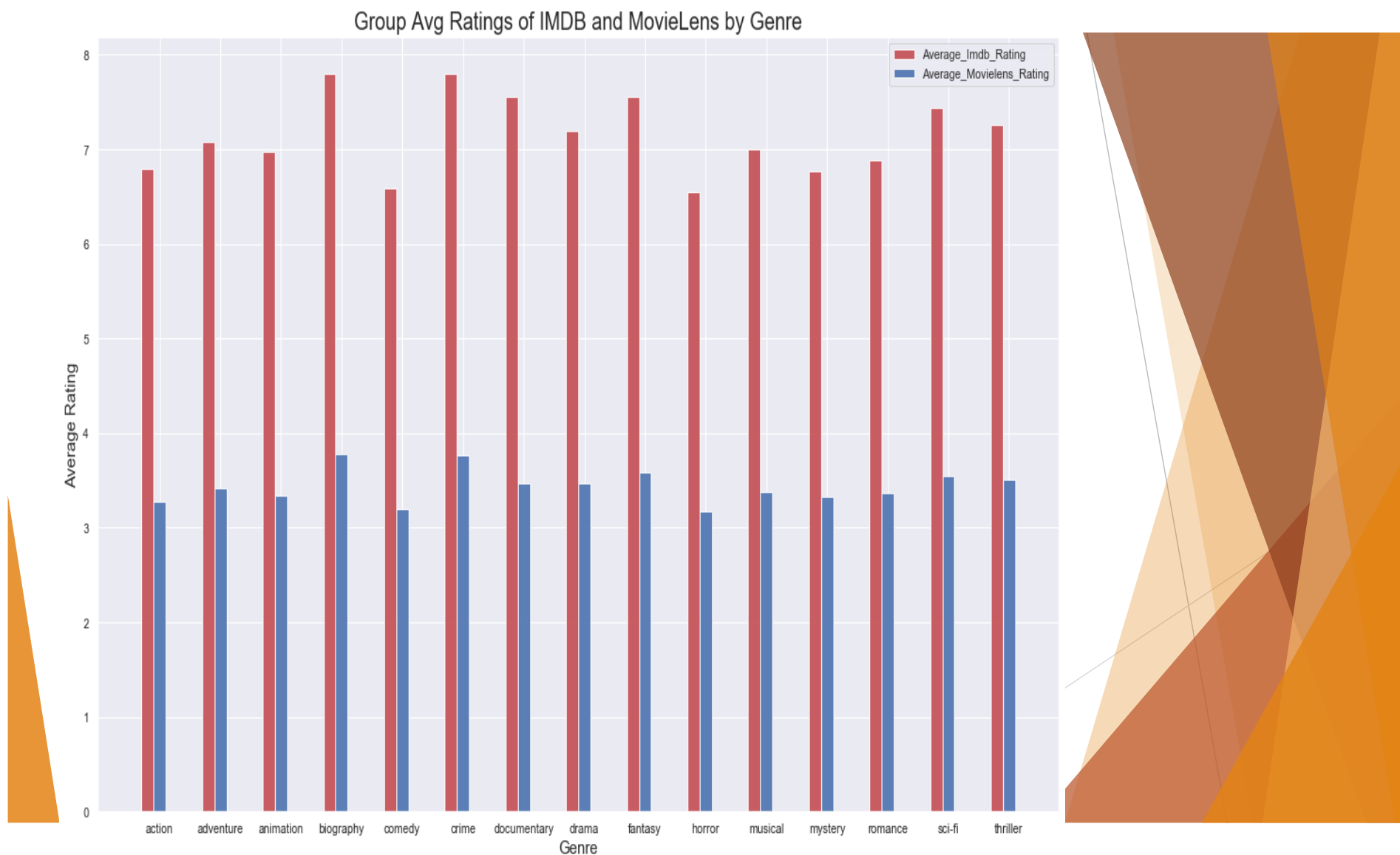
Top 10 poor performance movies in overseas



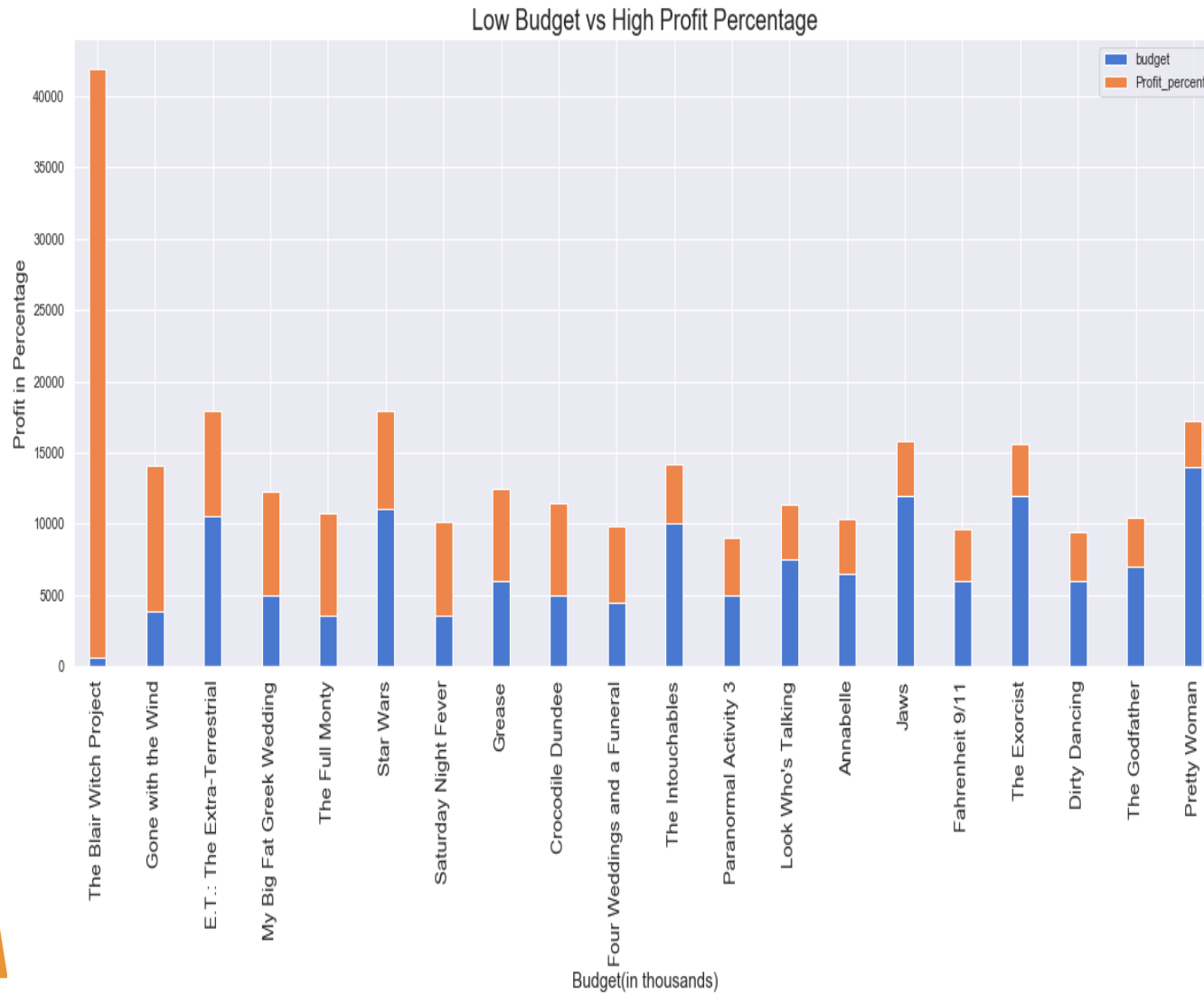
Top 10 high performance movies in overseas



Group Avg Ratings of IMDB and Movie Lens by Genre

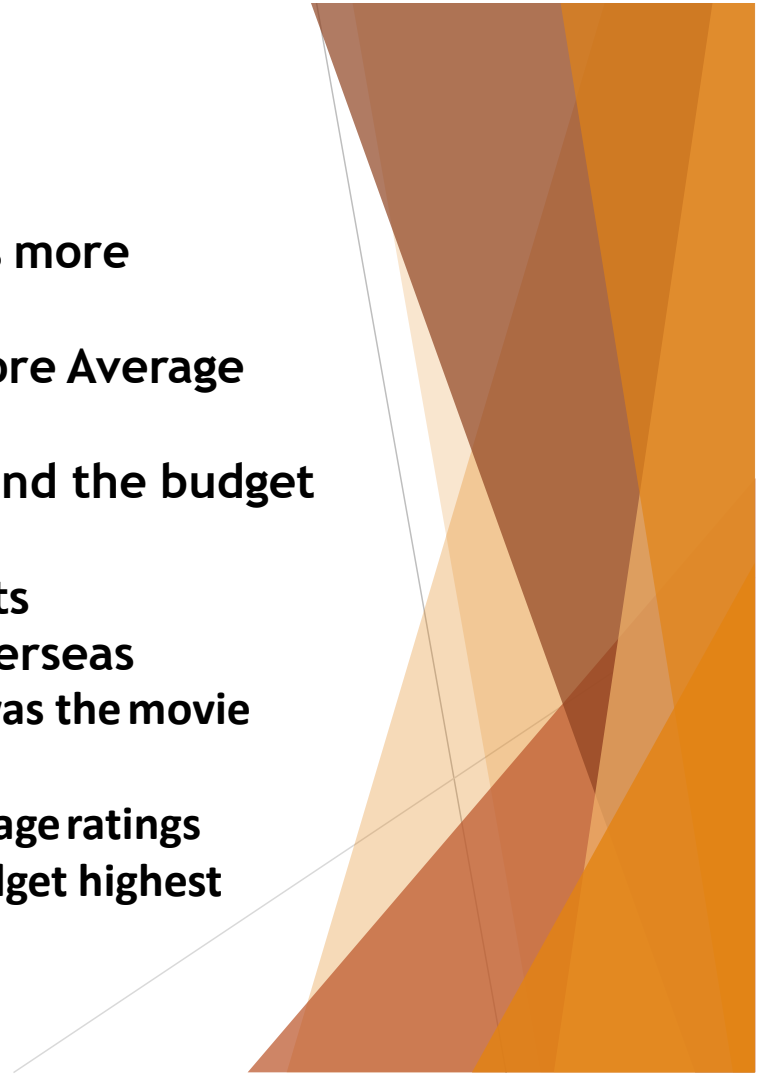


Low budget VS High profit percentage



Analysis /outcomes from data visualized

1. There were more releases on Friday
2. There genre 'action' has more movies
3. The Comedy genre from universal studios has more domestic gross
4. The movies released on "Wednesday" has more Average profit Percentage
5. The people were liking long running movies and the budget of the movie is in proportional to runtime
6. Peter Jackson movies were giving more profits
7. 'The Blind Side' was the movie performed overseas
8. Bienvenue chez les Ch'tis (Welcome to the Sticks) was the movie performed high in overseas
9. Biography and crime Genre movies have more average ratings
10. The Blair Witch Project was the movie with low budget highest profit earned



Thank you

Questions?

Suggestions?

