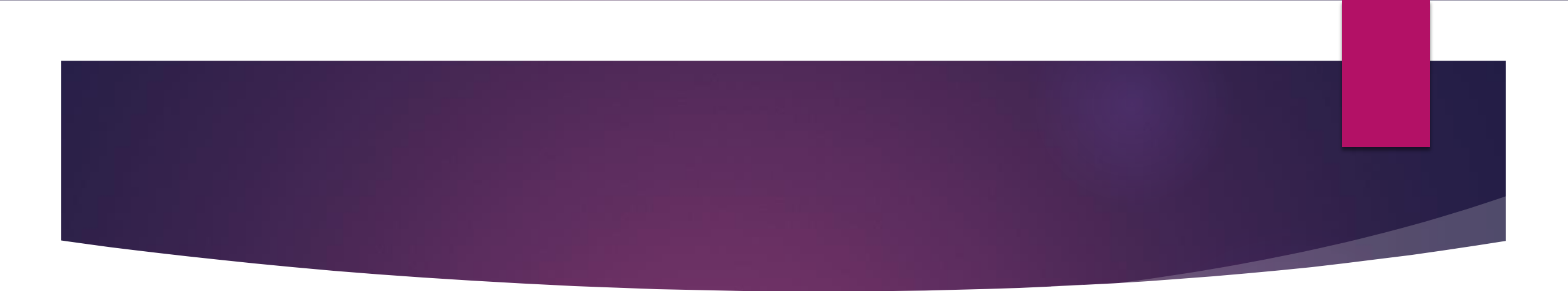
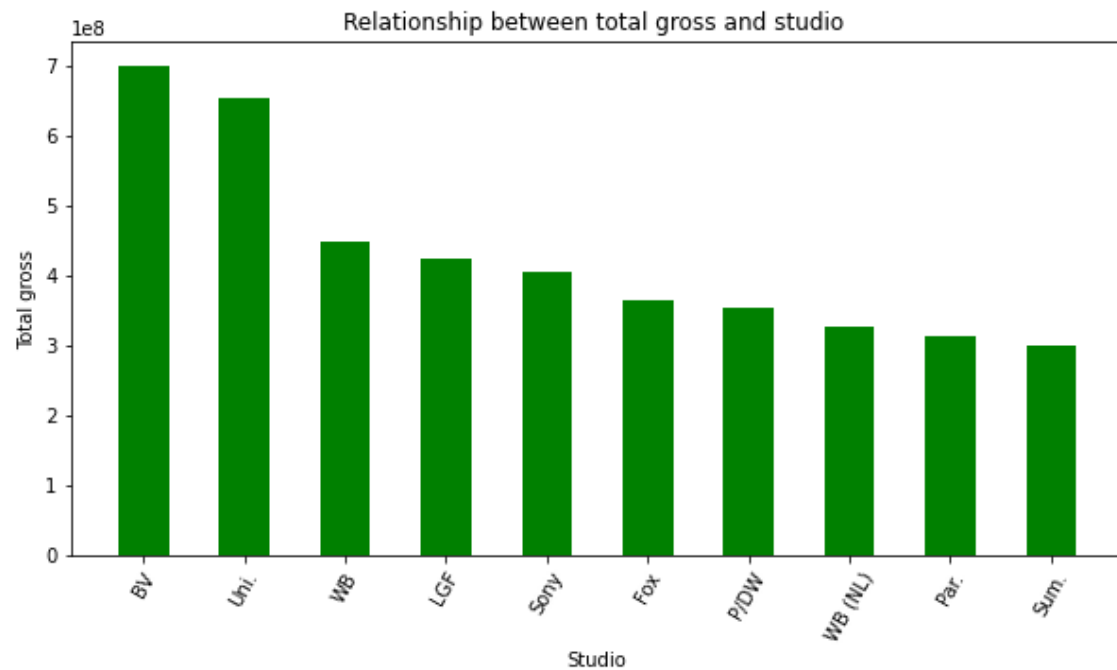
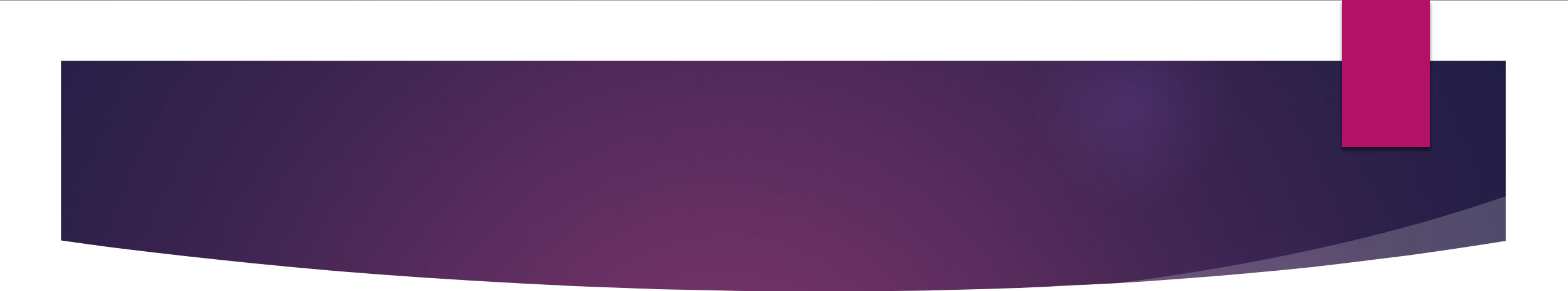


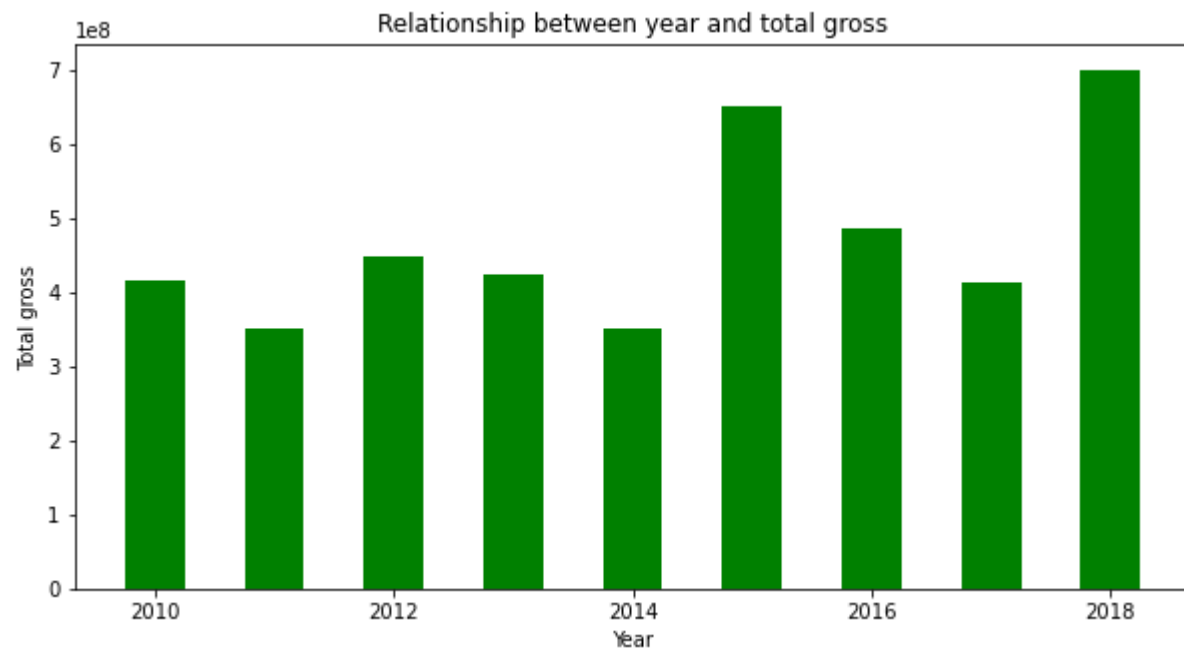
- 
- ▶ Name: Angela Cheruto
 - ▶ Student pace: Full time

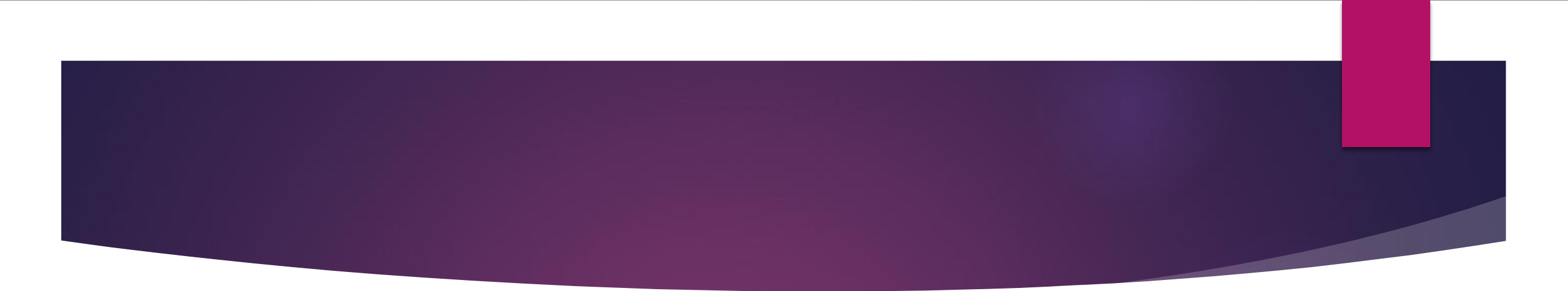
Total_gross against studio



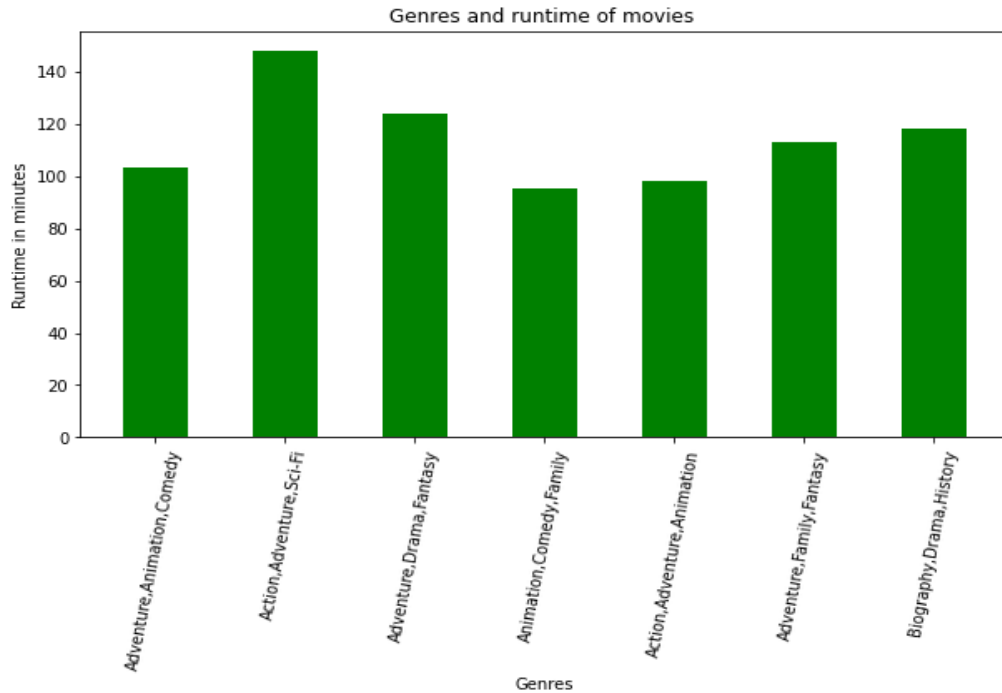
- 
- ▶ The studio vs total_gross graph is skewed to the left showing the studios that made the most revenue. The total_gross for the studios decreases as the graph progresses.
 - ▶ BV made the most total_gross from the graph above.

Year against total_gross

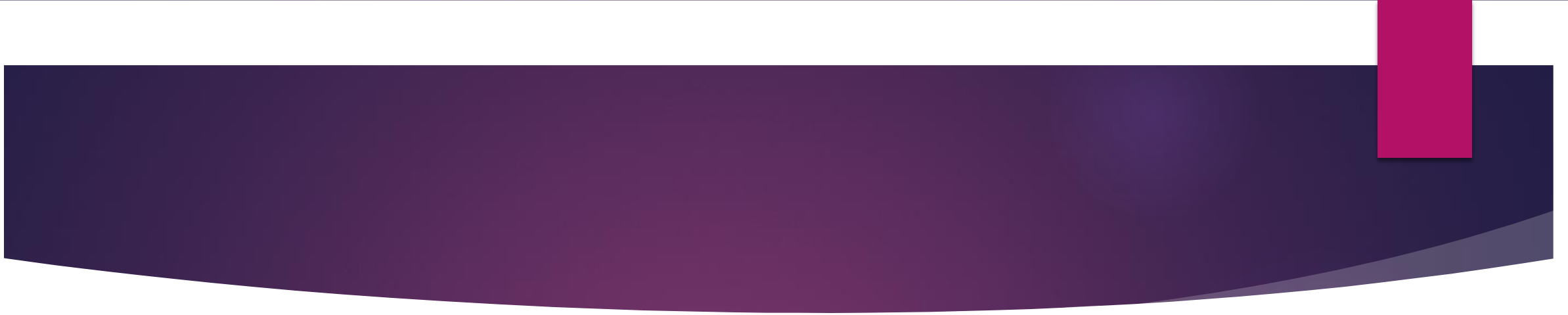


- 
- ▶ The bar chart above shows the relationship between the total_gross and the year the movies made the revenue.
 - ▶ The most revenue was made in the year 2018, and as the years go by the total_gross seem to increase except for a few instances where it fluctuates

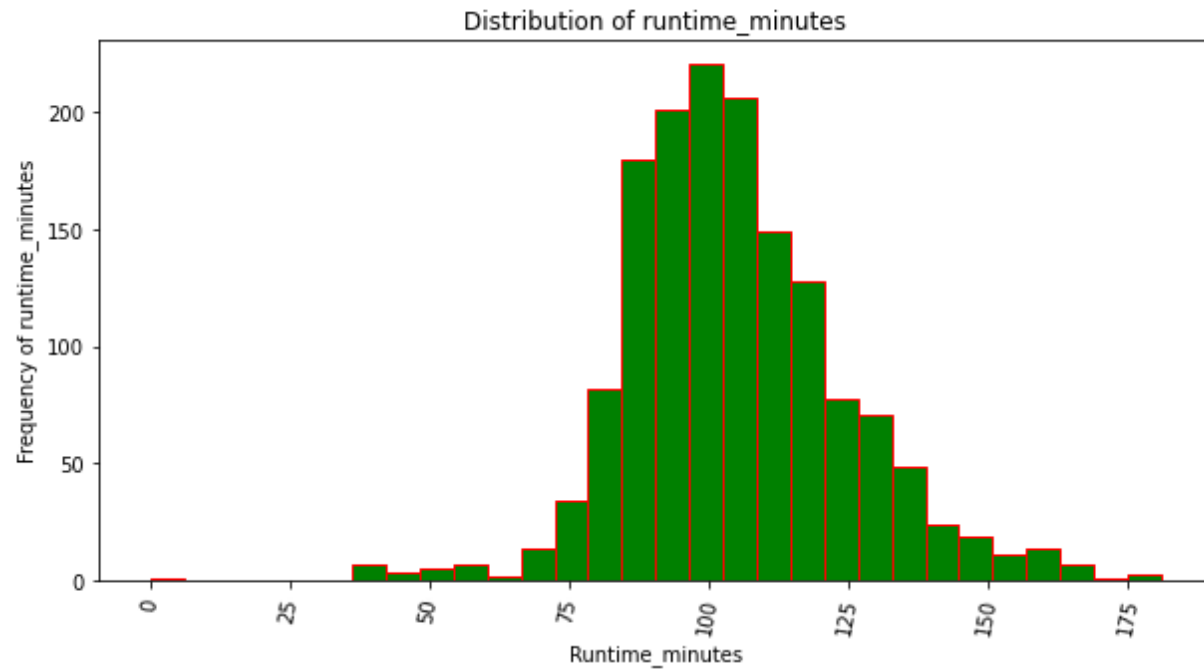
Genres vs runtime in minutes



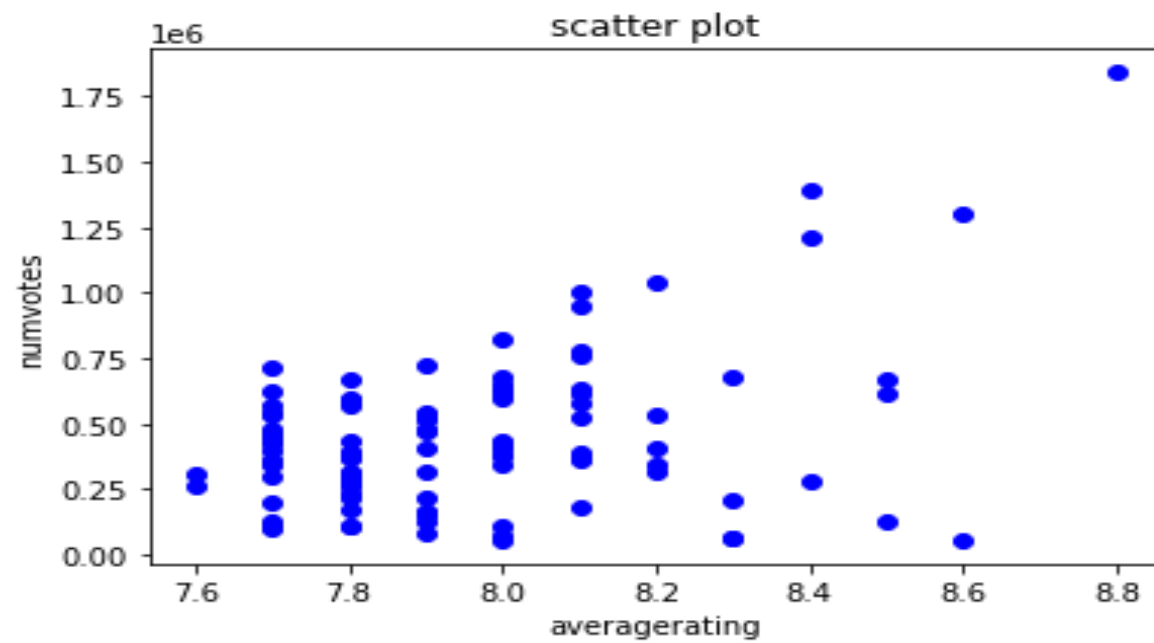
Action,Adventure,Sci-Fi is the combination of genre which had the highest runtime_minutes

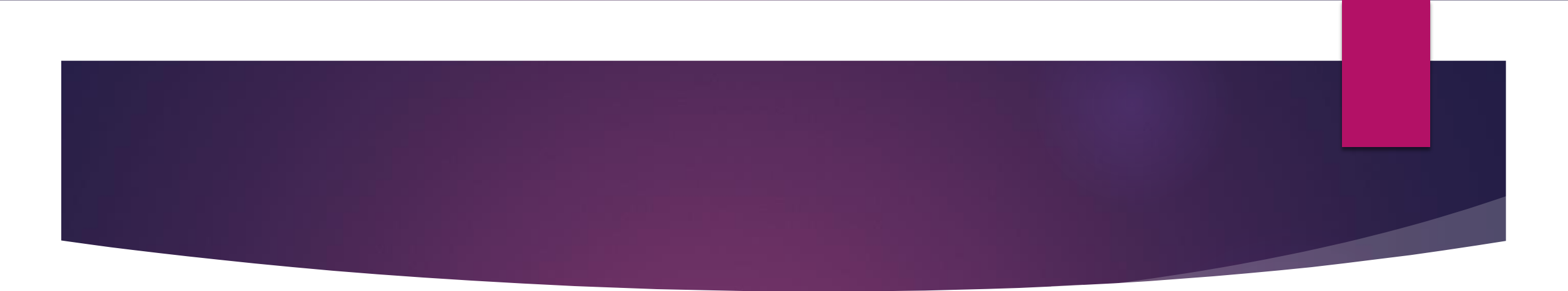


Histogram for runtime_minutes

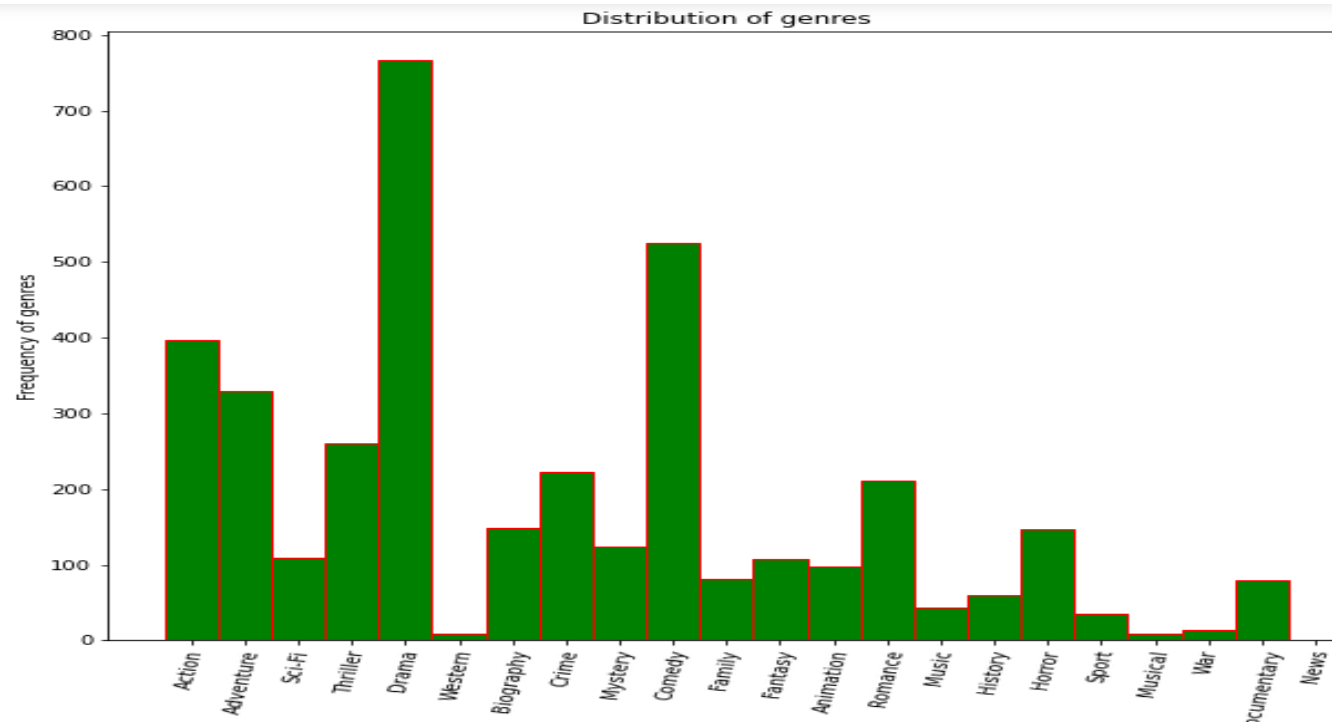


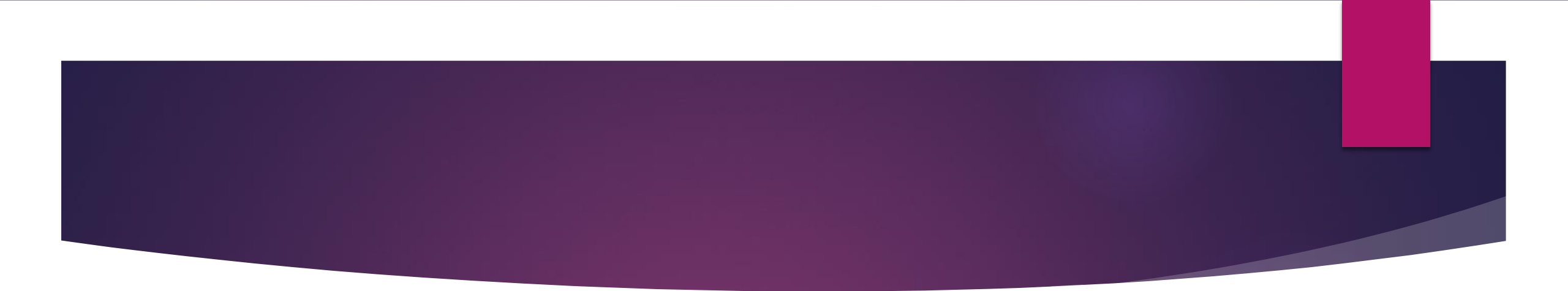
- 
- ▶ A high number of movies have a runtime of 100 minutes which is quite close to the mean which is 107 minutes



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- ▶ There is a positive correlation between average rating and numvotes since the higher the rating the higher the number of votes.

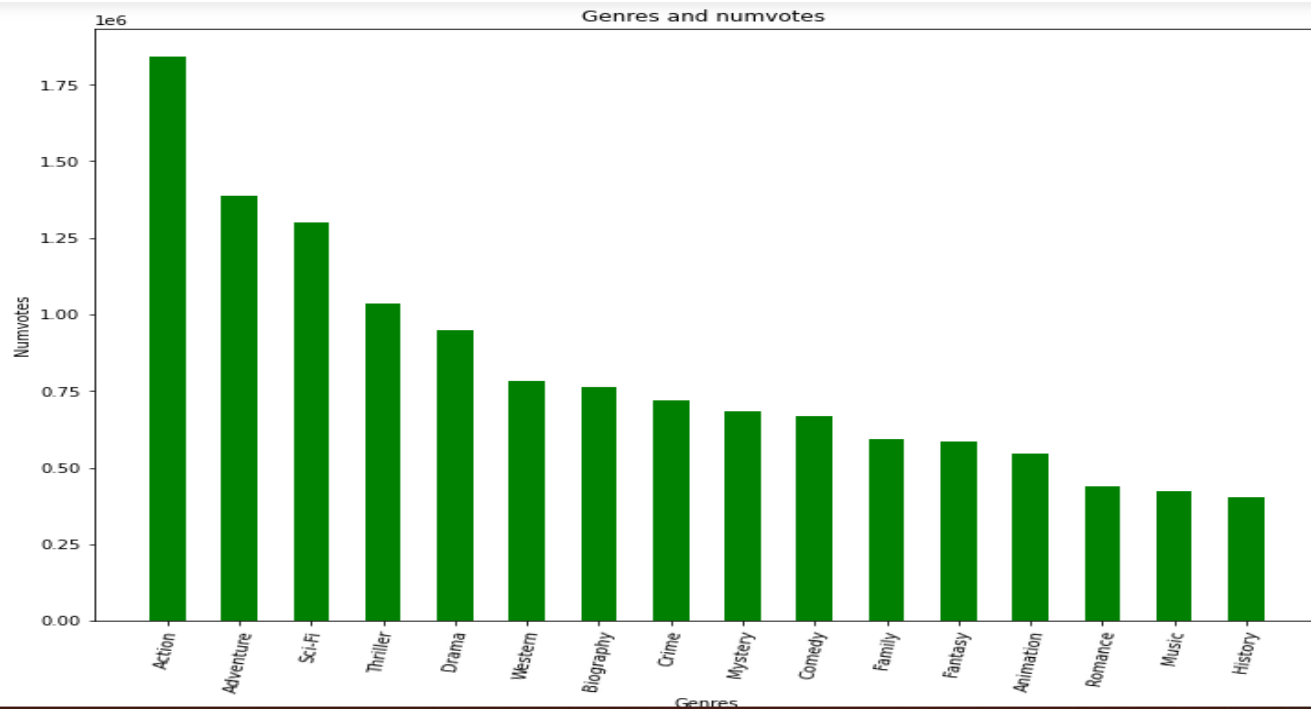
Genre histogram





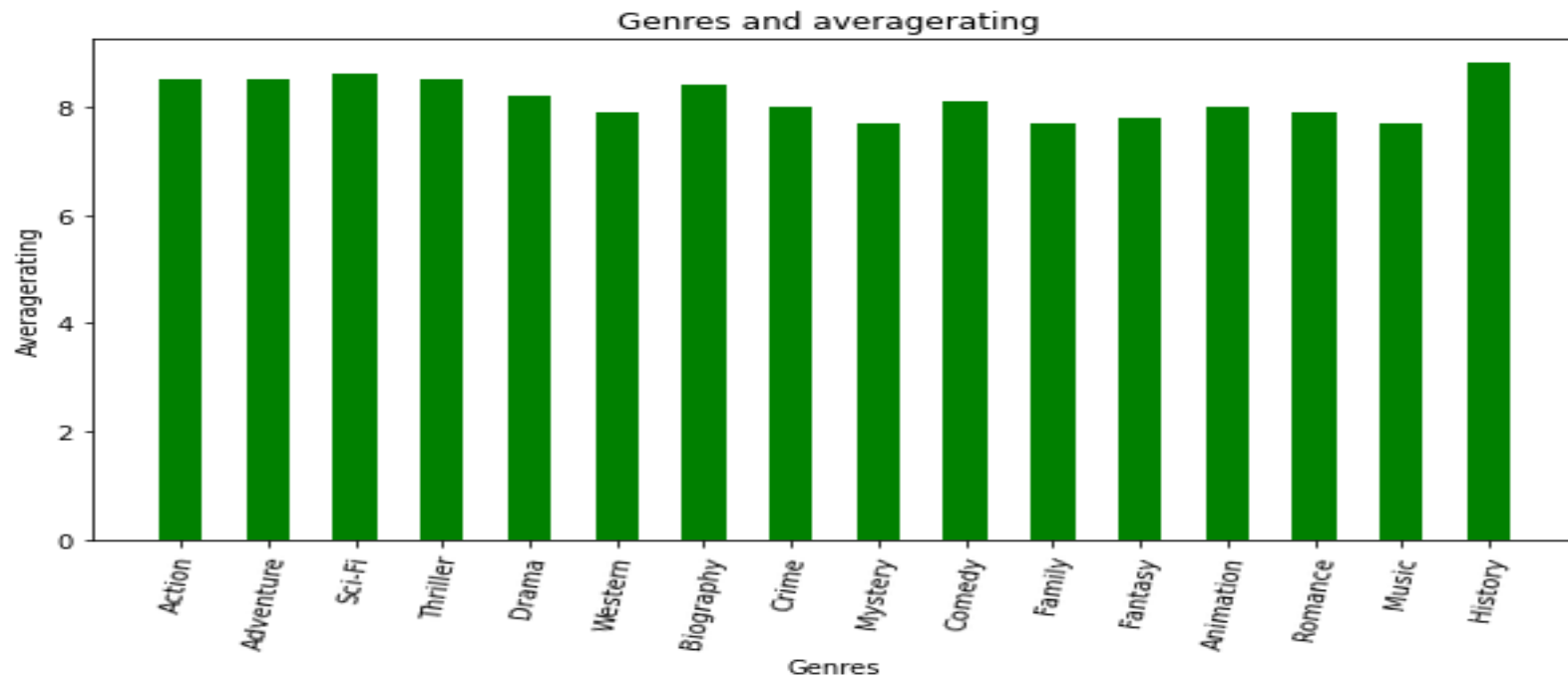
The histogram shows that Drama is the most produced genre as it carries the most count

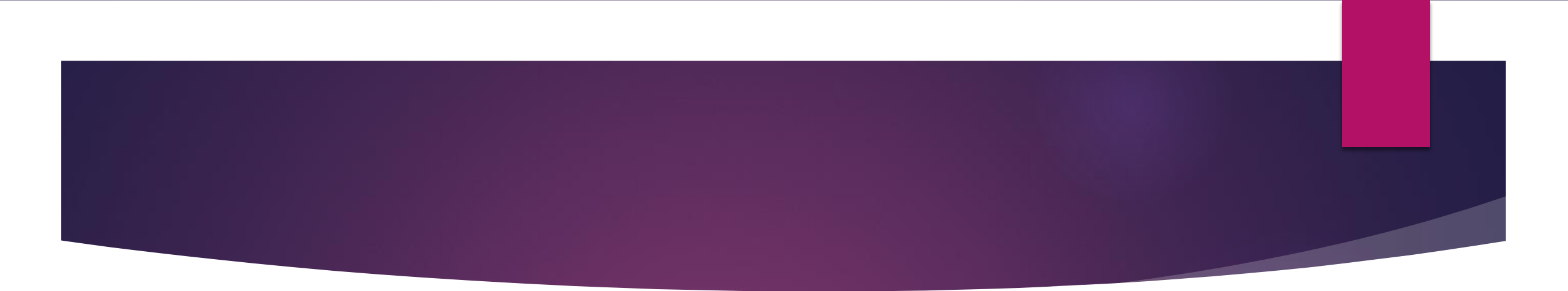
Genres vs numvotes



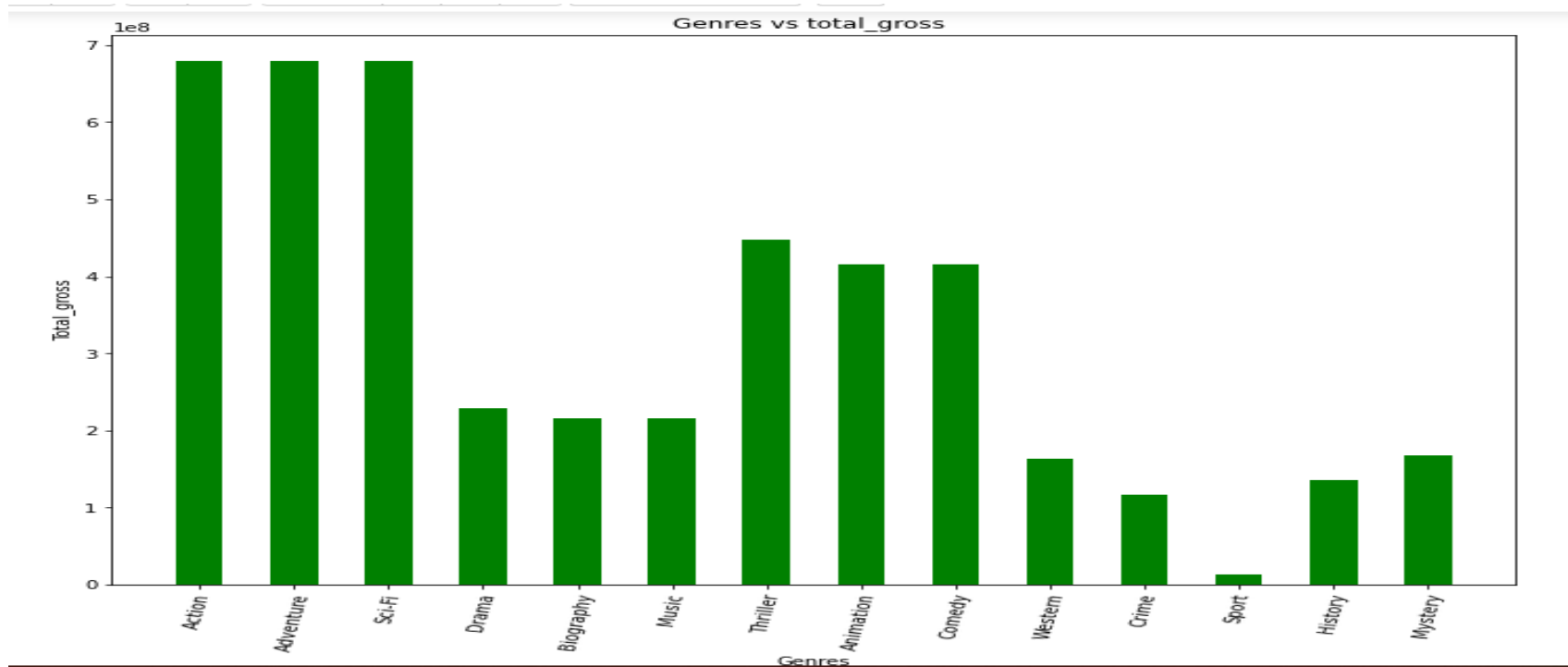
- 
- ▶ Action has the most votes in the top movie selection.

Genre vs averagerating



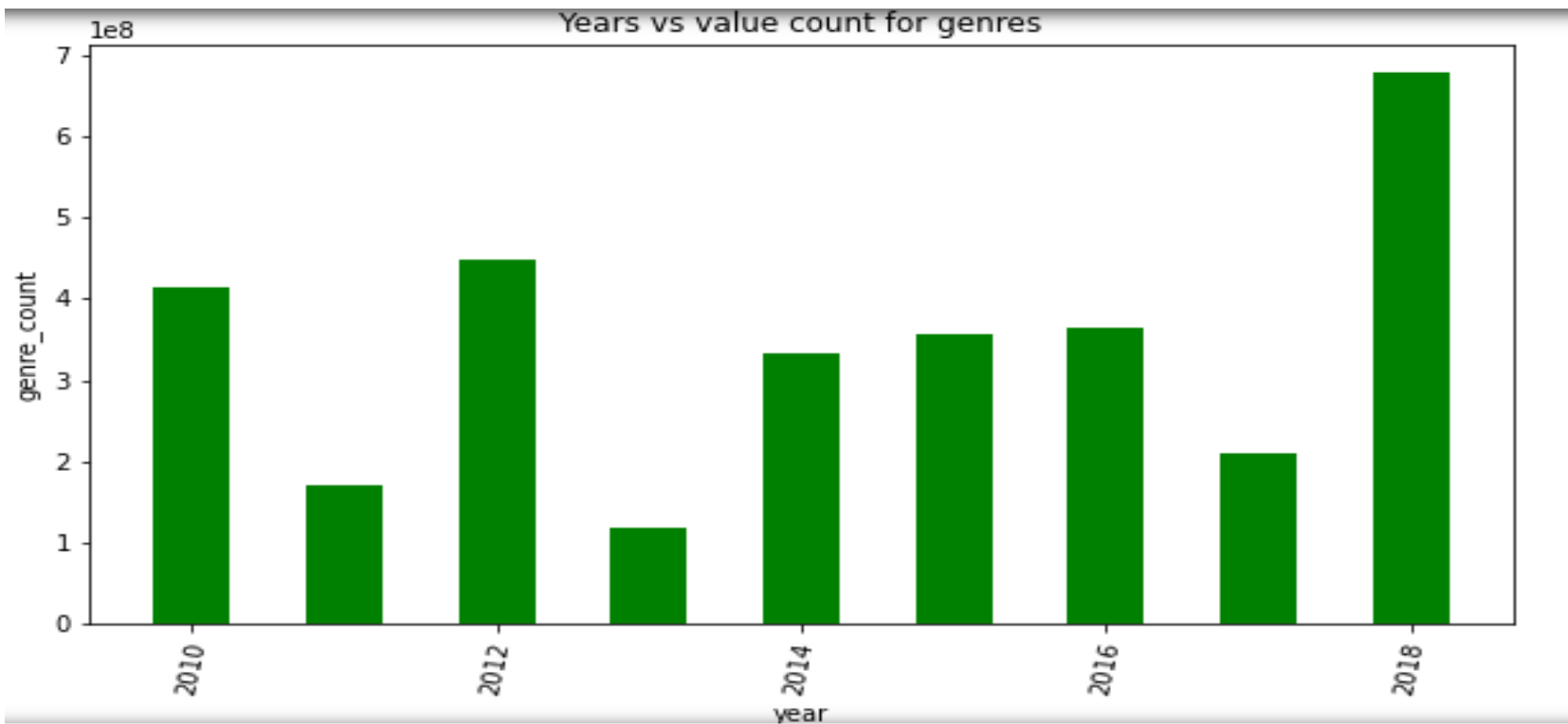
- 
- ▶ In the top 100 of the movies in terms of averagerating, most of the genres seem to have had a high rating of 5 and above, with history having the highest rating.

Genre Vs total_gross



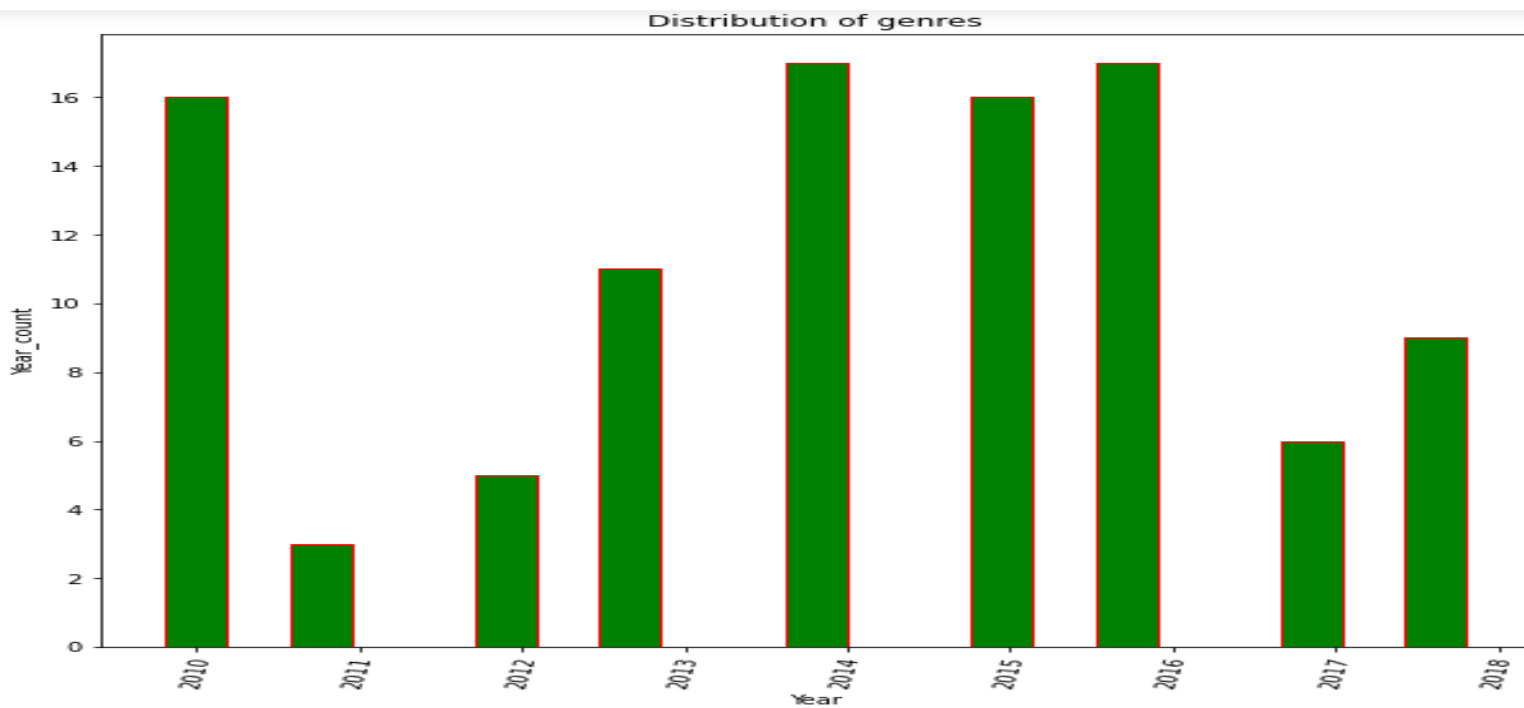
- 
- ▶ The genres that made the most gross earnings from both the foreign_gross and domestic_gross were action,scifi and adventure in regards to the top 100.

Year vs genre_count

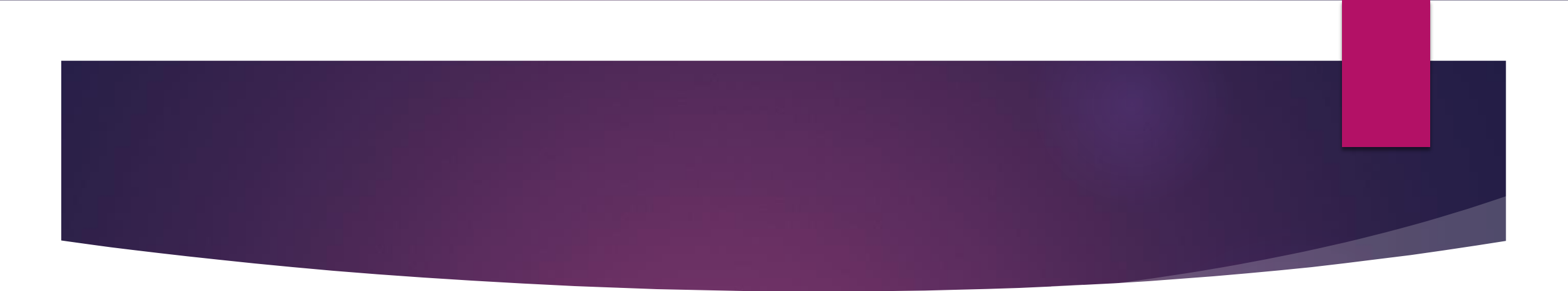


- 
- ▶ 2018 had the highest totalgross

Year vs year_count



- 
- ▶ Most movies were produced in the year 2014 and 2016

- 
- ▶ Final analysis:
 - ▶ The rating of the movies does not necessarily influence the number of movie that are produced for each genre. For example from the top_100 comedy has a low rating yet the production is high.
 - ▶ Some high ratings also had a few number of votes for example the highest rating of 9.2 had 8 votes, this can be because the number of people that watch those genres of movies are not many in number.
 - ▶ The rating when the genres are combined is different from when the rating is done on each genre individually