Movie Analysis by Genre

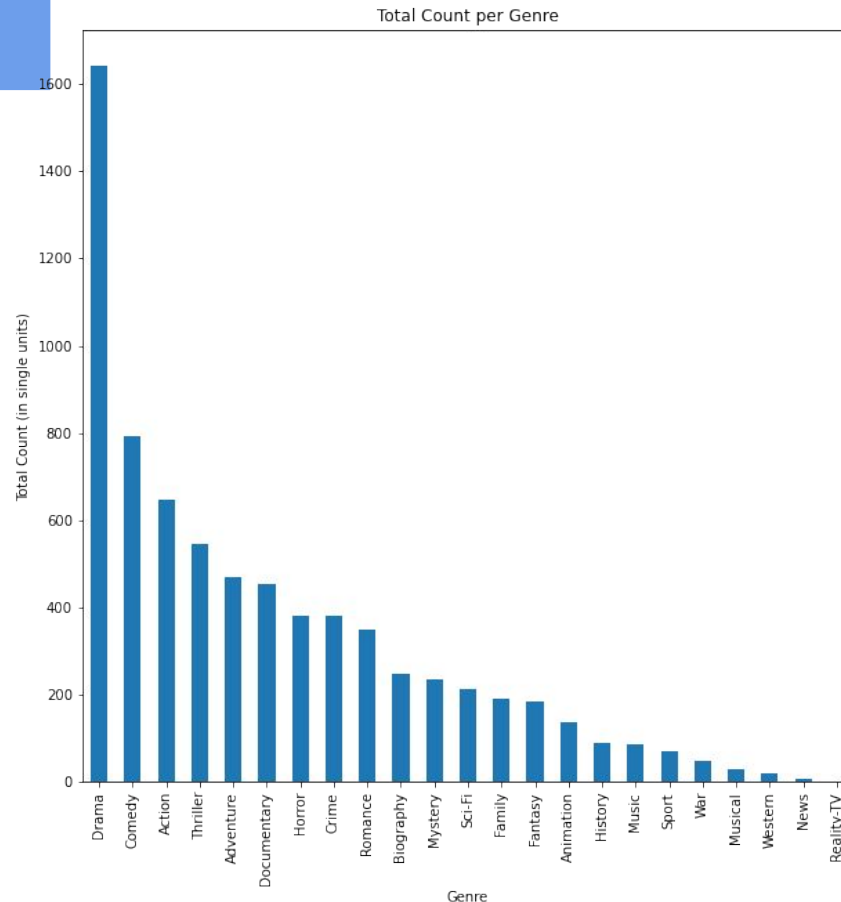Cameron Ladd, Ji Hoon Chung

3 Critical Questions Answer:

Q1. What is the most **Profitable** Movie **Genre**?

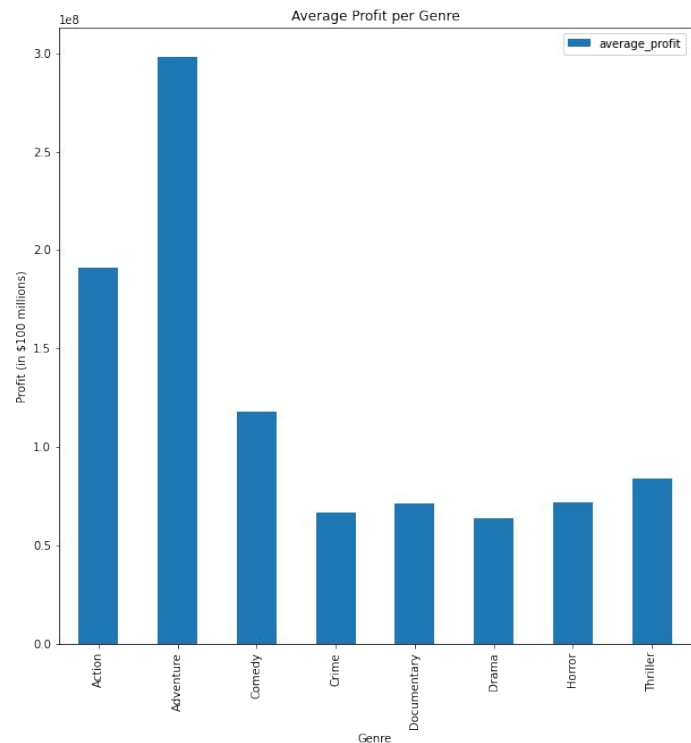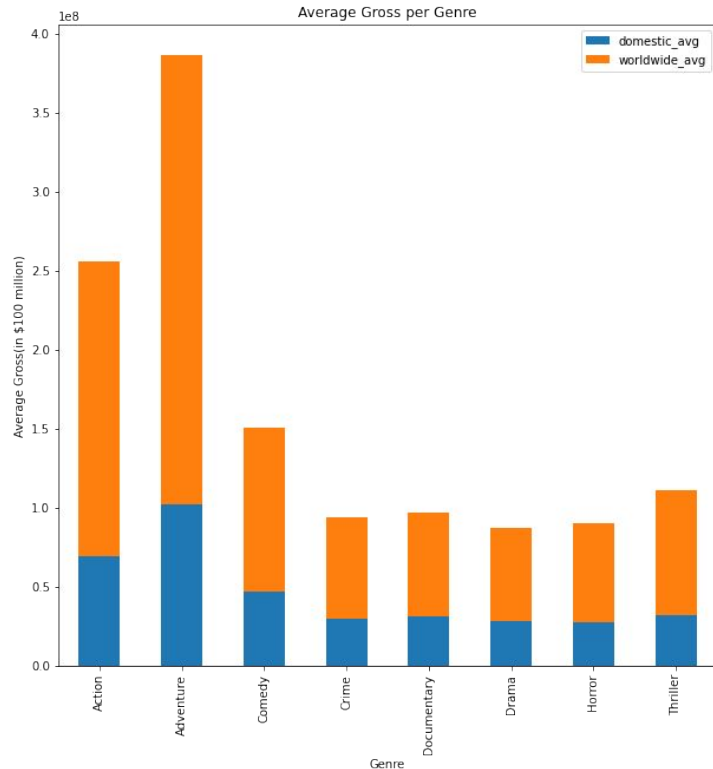Q2. What is the most **Profitable** Movie **Run Time** each genre?

Q3. What is the most **Profitable Season** to release the most profitable Genre?
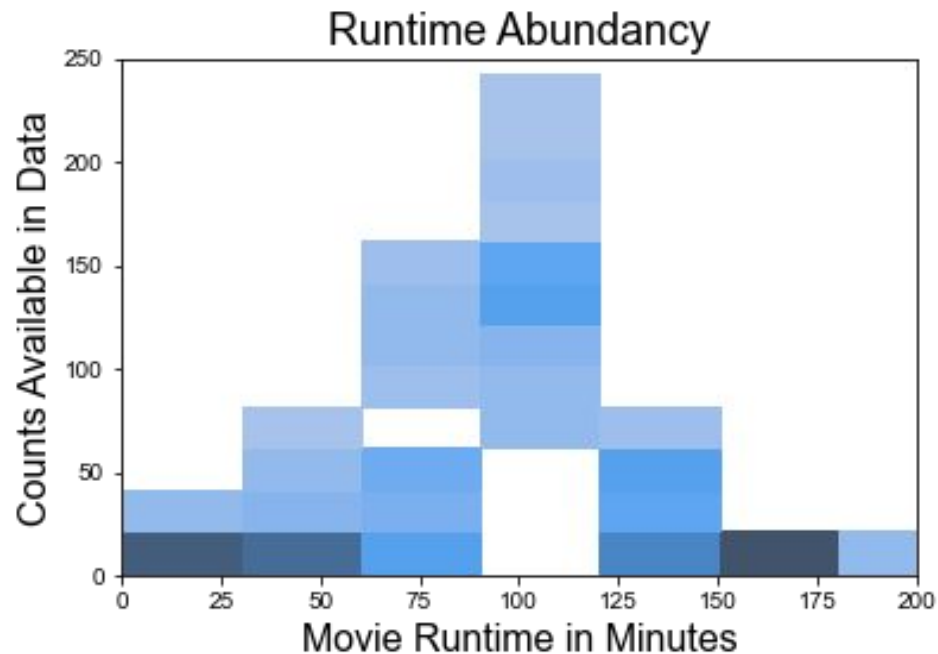
Total Count per Genre

All the Genres **below 350** counts were **removed** as their data is too small to have insightful analysis. So we are only left with **TOP 8** Genres to analyze!

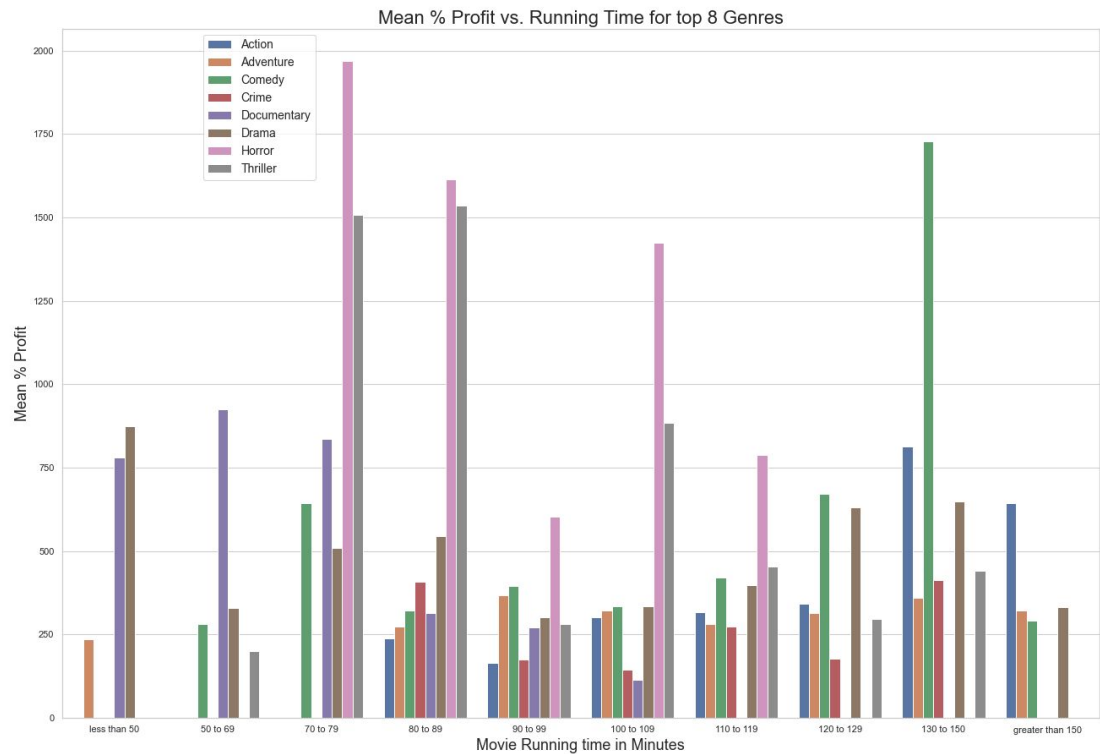**Average Profits** per genre & **Average Gross** per genre showed the same result.
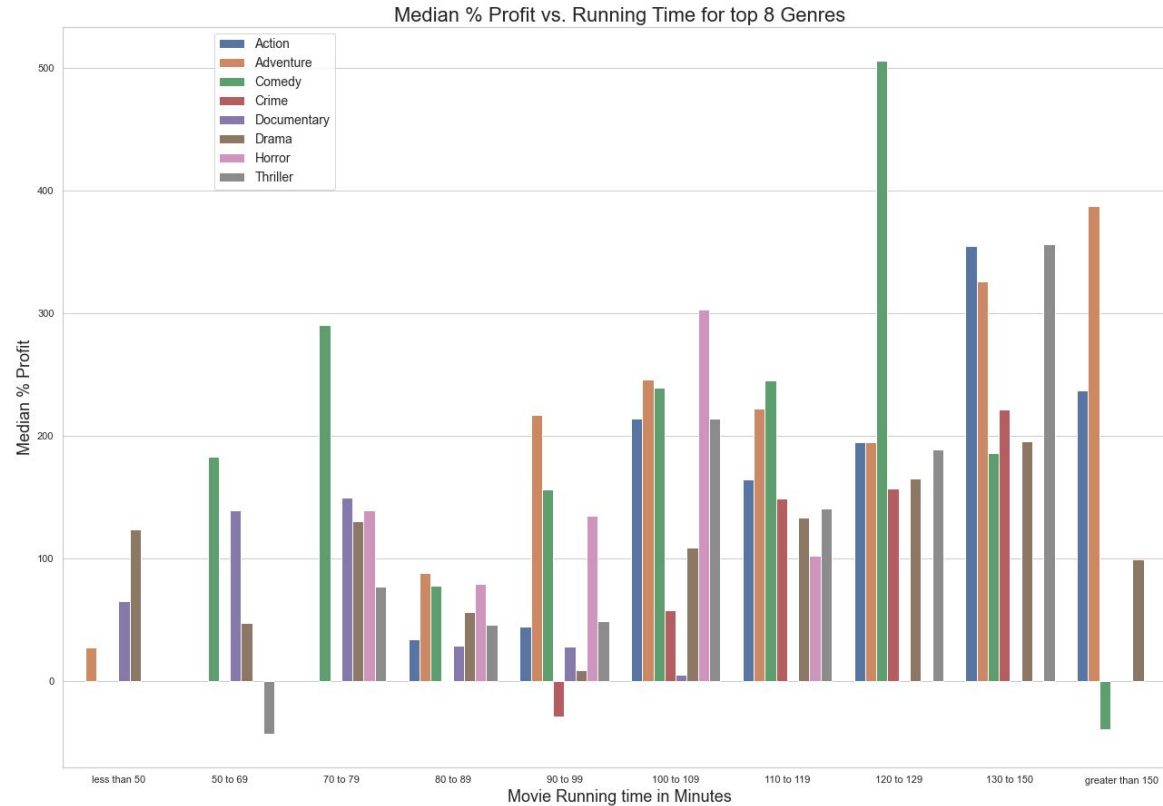**Adventure** is by far the **Most Profitable** Genre!

Runtime Abundancy

1. Movie runtime is most abundant in the runtime range between 80 minutes to 120 minutes.
2. Count of movies drastically fades with runtime less than 50 minutes.
3. Count of movies drastically fades with runtime more than 150 minutes.

Mean % Profit vs. Running Time for top 8 Genres

Shows Mean % Profit Data vs. Movie Running Time

Median % Profit vs. Running Time for top 8 Genres
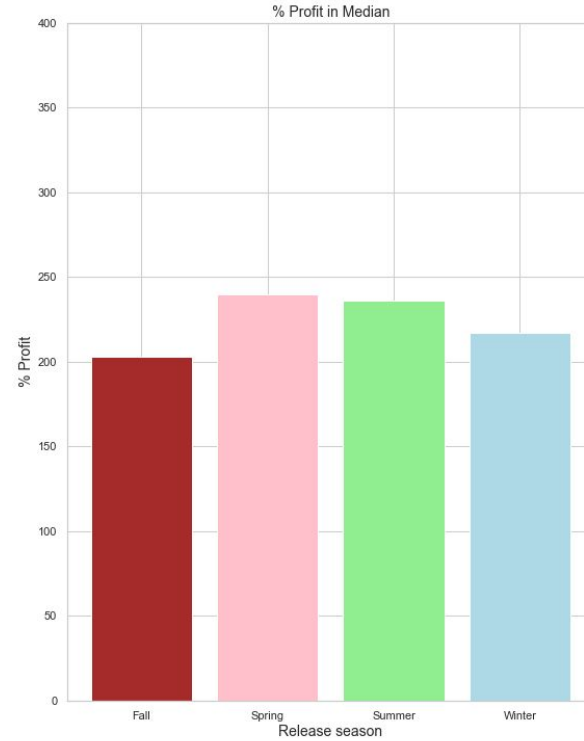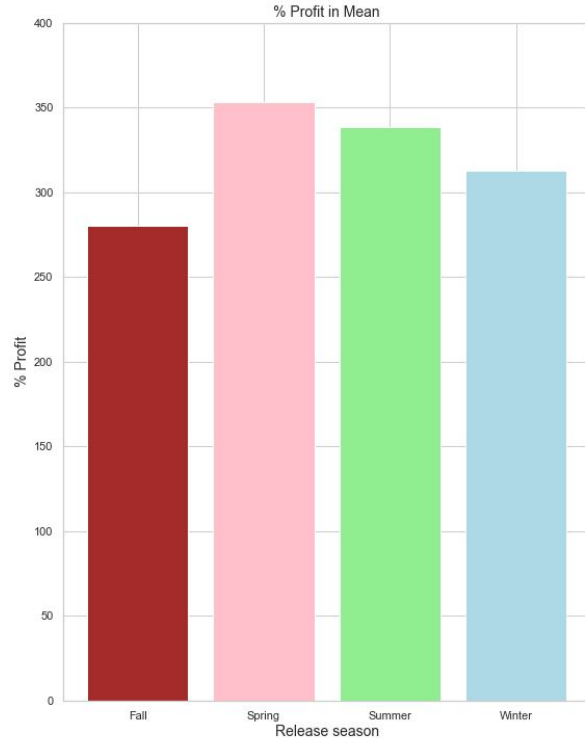
Shows Median % Profit Data vs. Movie Running Time

Q3. Profitable Season for Release

Adventure Movies, % Profit vs. Release season in two subplots

Spring is the most profitable Season for the movie release!