



# Box Office Analysis

What type of movies should you create?

# Meet the Data Team



**Samuel Song**



**James-Lee Meredith**



**Jonathan Brown**



# Our Focus

- Budget
- Runtime
- Genre
- Directors



# Understanding the Data



**Box Office Mojo**



**Rotten Tomatoes**



**IMDB**




**The Movie DB**

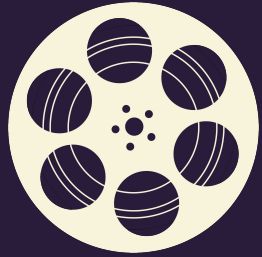


**The Numbers**



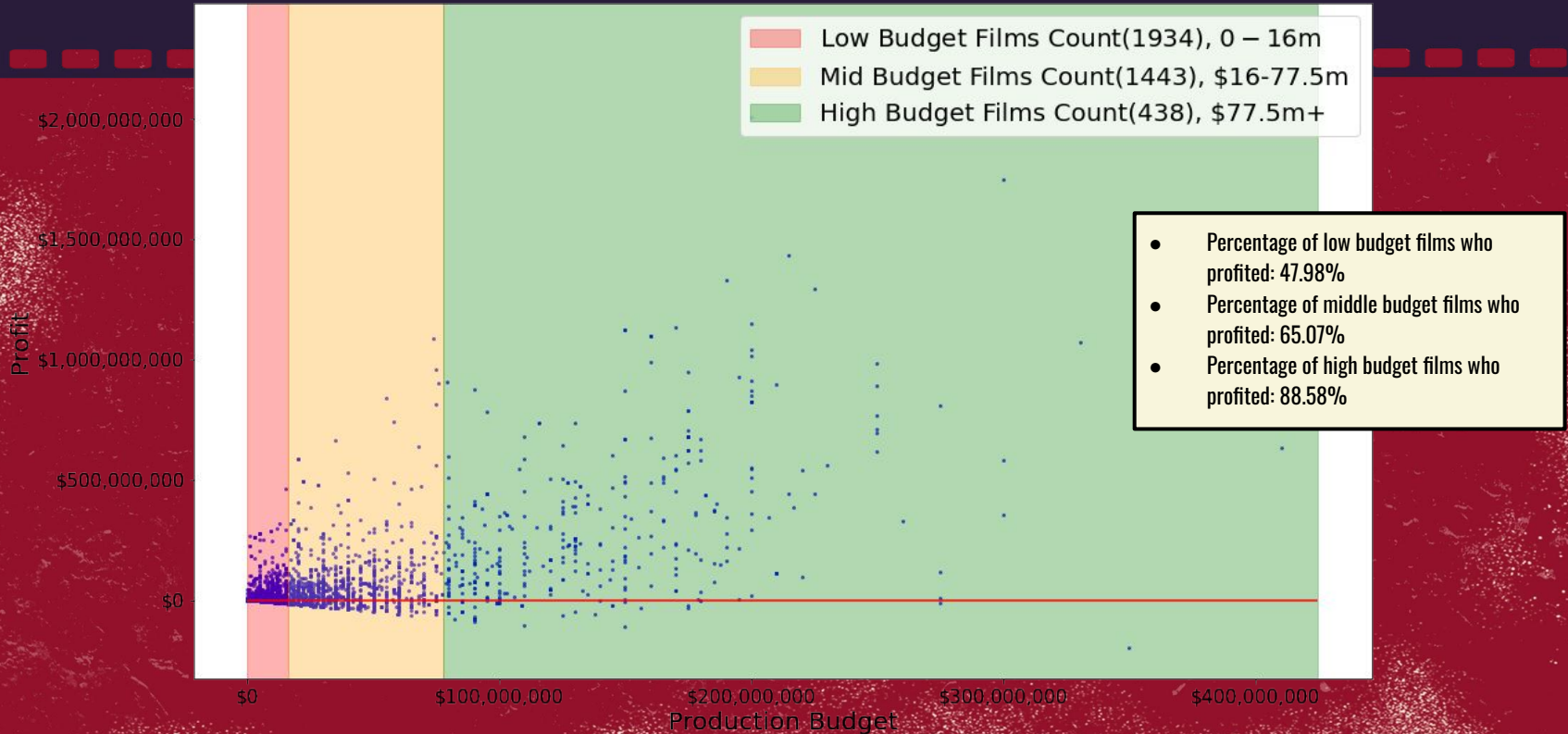
# Top 10 Movies Of All Time

	Gross	Year
1 Avatar	\$2,923,706,026	2009
2 Avengers: Endgame	\$2,799,439,100	2019
3 Avatar: The Way of Water	\$2,319,766,200	2022
4 Titanic	\$2,264,743,257	1997
5 Star Wars: Episode VII - The Force Awakens	\$2,071,310,218	2015
6 Avengers: Infinity War	\$2,052,415,039	2018
7 Spider-Man: No Way Home	\$1,921,847,111	2021
8 Jurassic World	\$1,671,537,444	2015
9 The Lion King	\$1,663,075,401	2019
10 The Avengers	\$1,520,538,536	2012

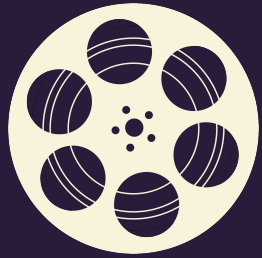


# Budget vs Net Profit

# Production Budget vs Net Profit



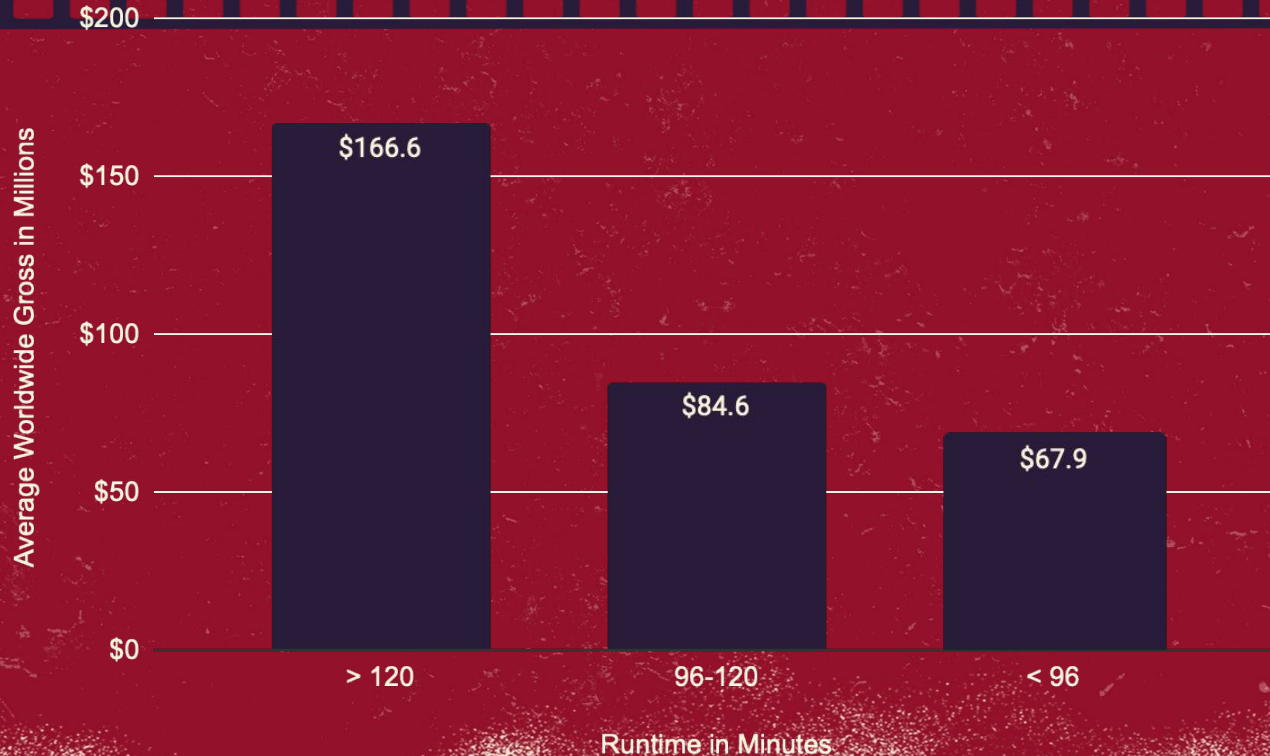


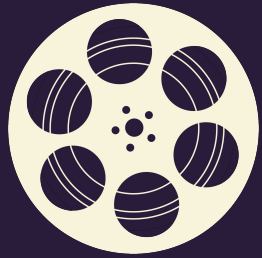


# Runtime



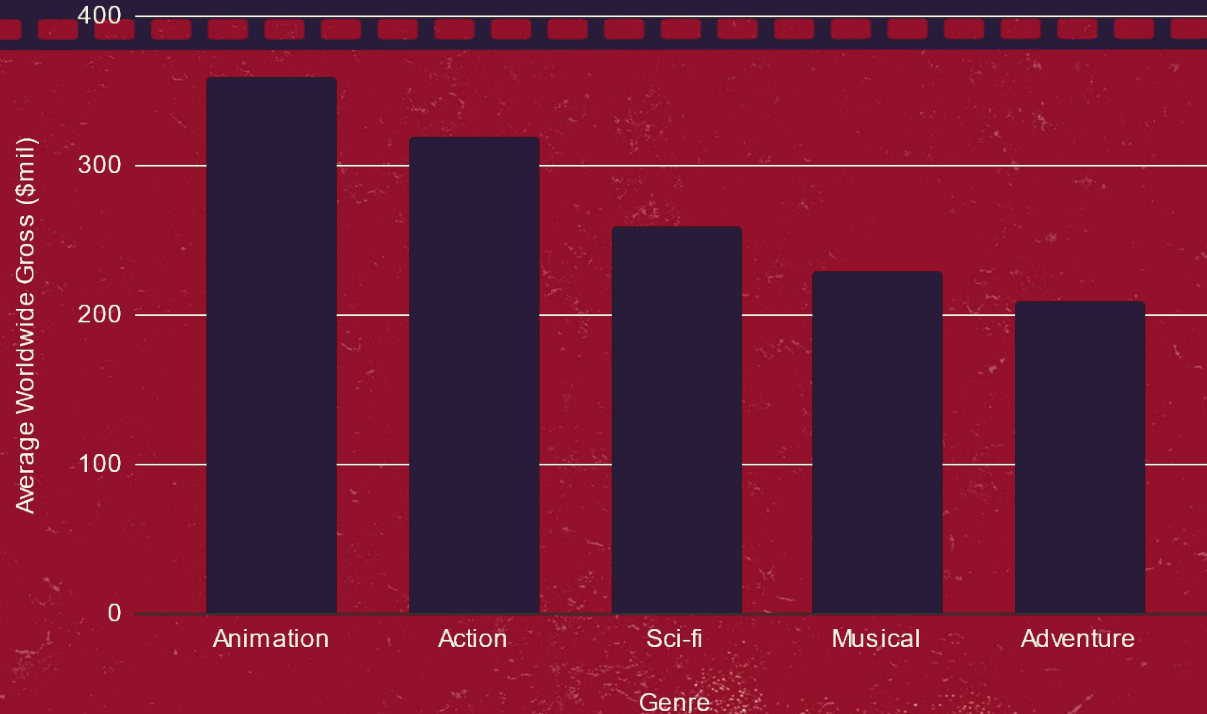
# Runtime vs Worldwide Gross



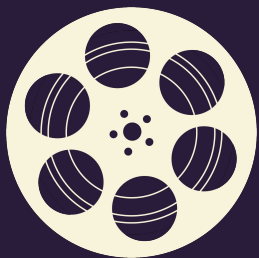


# Genre

# Genre vs Average Worldwide Gross

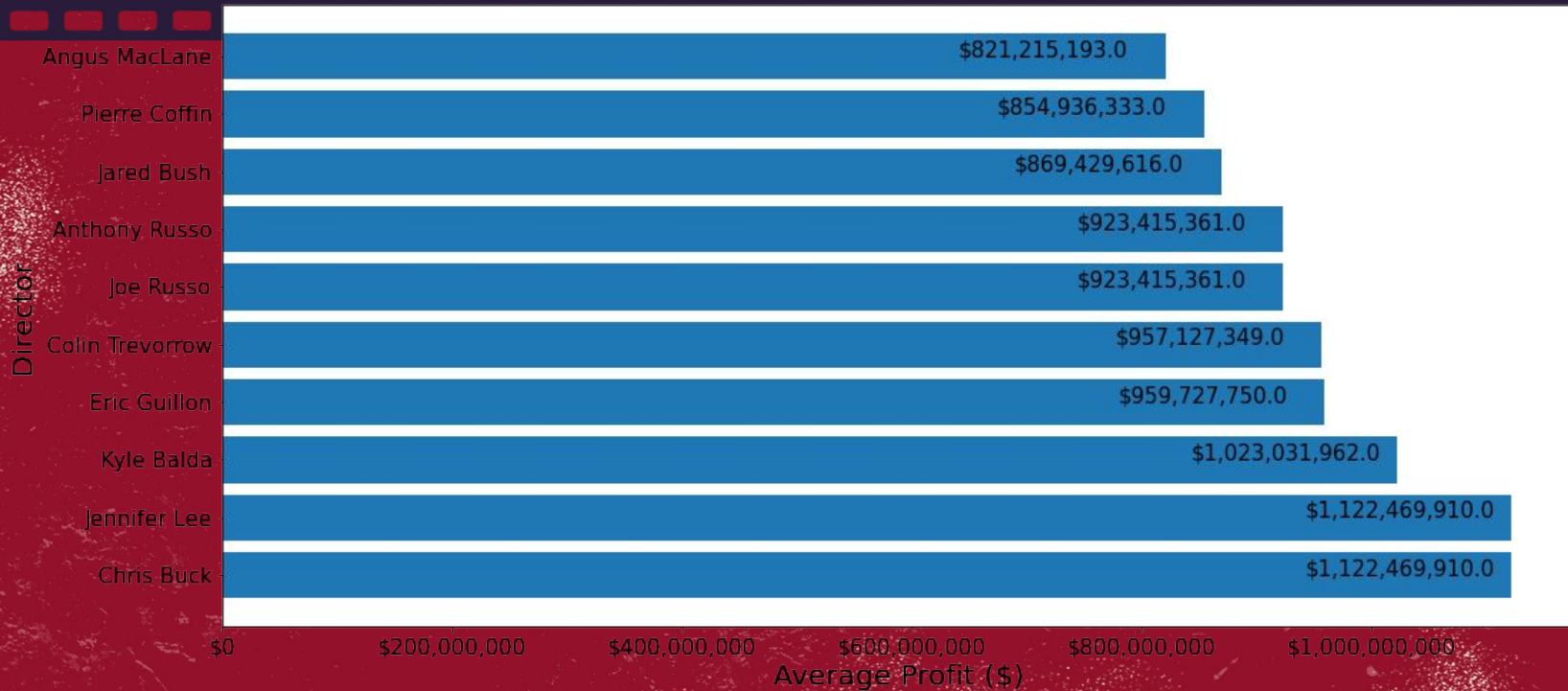






# Directors

# Director vs Average Profit



# Business Recommendations



**Budget**

Over \$77.5 Million



**Runtime**

> 120 minutes



**Genre**

Action, Animation,  
or Science Fiction



**Director**

Refer to list



# Next Steps:

- Production Cost of Animation vs Live Action
- Further investigate director choice
- Investigate profitability of metrics over time

# Questions?



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