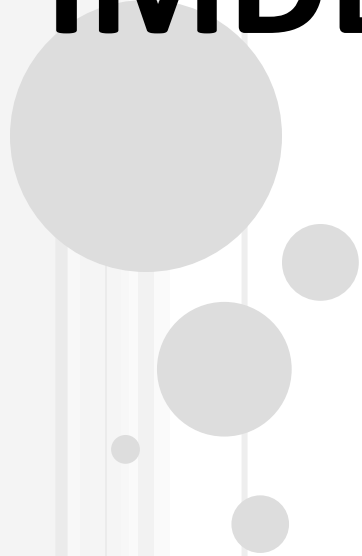


IMDB MOVIE ANALYZE



LOOKING INSIDE THE FIRST DATAFRAME AS SAMPLE

▼ 2.1 Movie Gross

In [3]: `df_movie_gross.head()`

executed in 15ms, finished 13:05:31 2021-08-20

Out[3]:

	title	studio	domestic_gross	foreign_gross	year
0	Toy Story 3	BV	415000000.0	652000000	2010
1	Alice in Wonderland (2010)	BV	334200000.0	691300000	2010
2	Harry Potter and the Deathly Hallows Part 1	WB	296000000.0	664300000	2010
3	Inception	WB	292600000.0	535700000	2010
4	Shrek Forever After	P/DW	238700000.0	513900000	2010

HIGHEST-GROSSING 20 MOVIE STUDIOS

In [21]: `most_gross_20_studio`

executed in 15ms, finished 12:05:20 2021-08-21

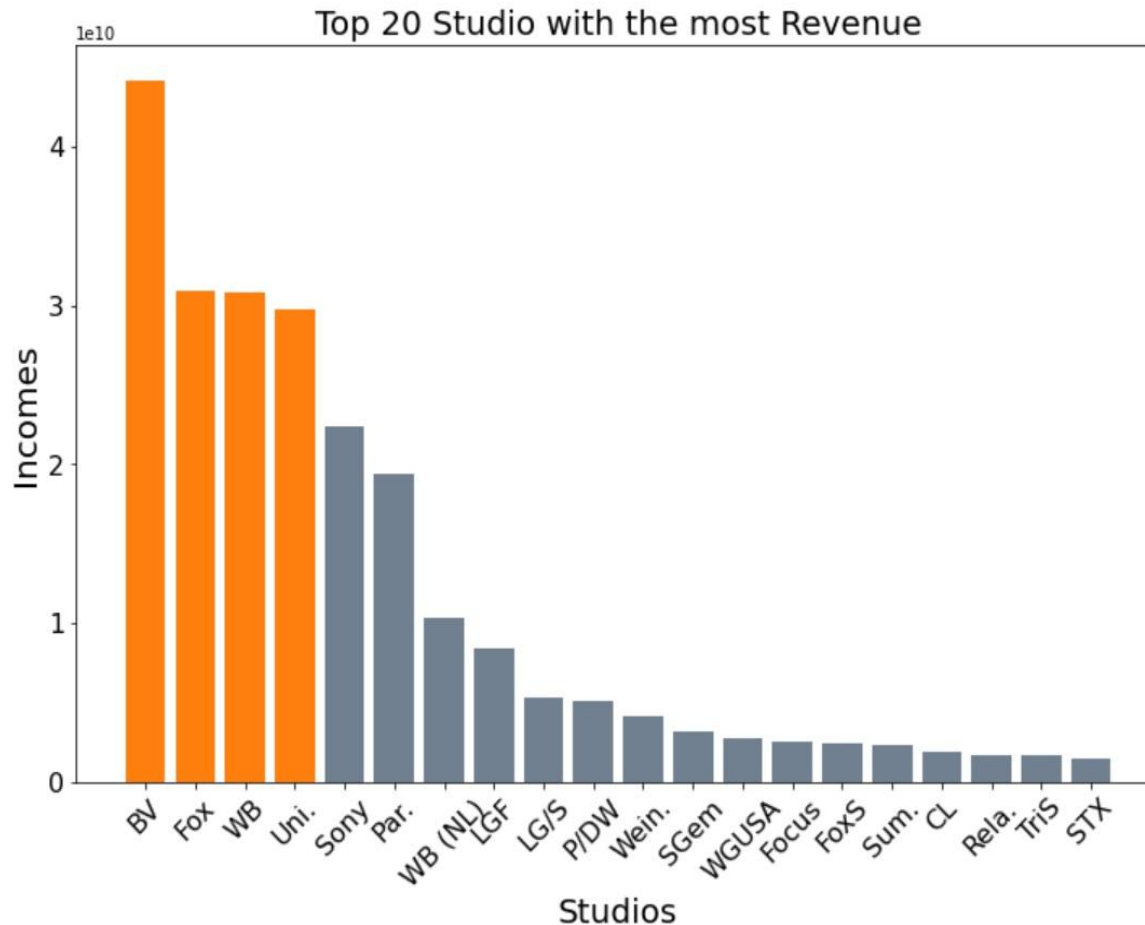
Out [21]:

	studio	domestic_gross	foreign_gross	year	total_gross
36	BV	1.841903e+10	2.579385e+10	213451	4.419038e+10
93	Fox	1.094950e+10	2.005587e+10	273882	3.098037e+10
246	WB	1.216805e+10	1.866790e+10	281941	3.079150e+10
238	Uni.	1.290239e+10	1.685477e+10	296082	2.974681e+10
215	Sony	8.459683e+09	1.394535e+10	221575	2.240472e+10
185	Par.	7.685871e+09	1.186338e+10	203417	1.944420e+10
247	WB (NL)	3.995700e+09	6.339000e+09	90644	1.031410e+10
134	LGF	4.118963e+09	4.482619e+09	207437	8.467471e+09
133	LG/S	2.078200e+09	3.353724e+09	82599	5.318924e+09
171	P/DW	1.682900e+09	3.393600e+09	20109	5.076500e+09
251	Wein.	1.540550e+09	2.624086e+09	155022	4.095903e+09
205	SGem	1.526400e+09	1.624062e+09	70462	3.140162e+09
248	WGUSA	2.539460e+07	2.761447e+09	116902	2.778054e+09
92	Focus	1.172041e+09	1.369969e+09	120844	2.496769e+09
94	FoxS	1.061832e+09	1.497388e+09	134904	2.474688e+09
219	Sum.	9.318710e+08	1.354900e+09	30158	2.284971e+09
48	CL	1.820020e+07	2.005700e+09	149049	1.898686e+09
196	Rela.	9.432940e+08	8.228780e+08	70454	1.715417e+09
229	TriS	9.709000e+08	8.849550e+08	46320	1.713055e+09
210	STX	7.521000e+08	7.462000e+08	48406	1.474200e+09

After a little bit
work from
movie gross
dataframe
(previous slide)
we can see
highest-
grossing top 20
studios.

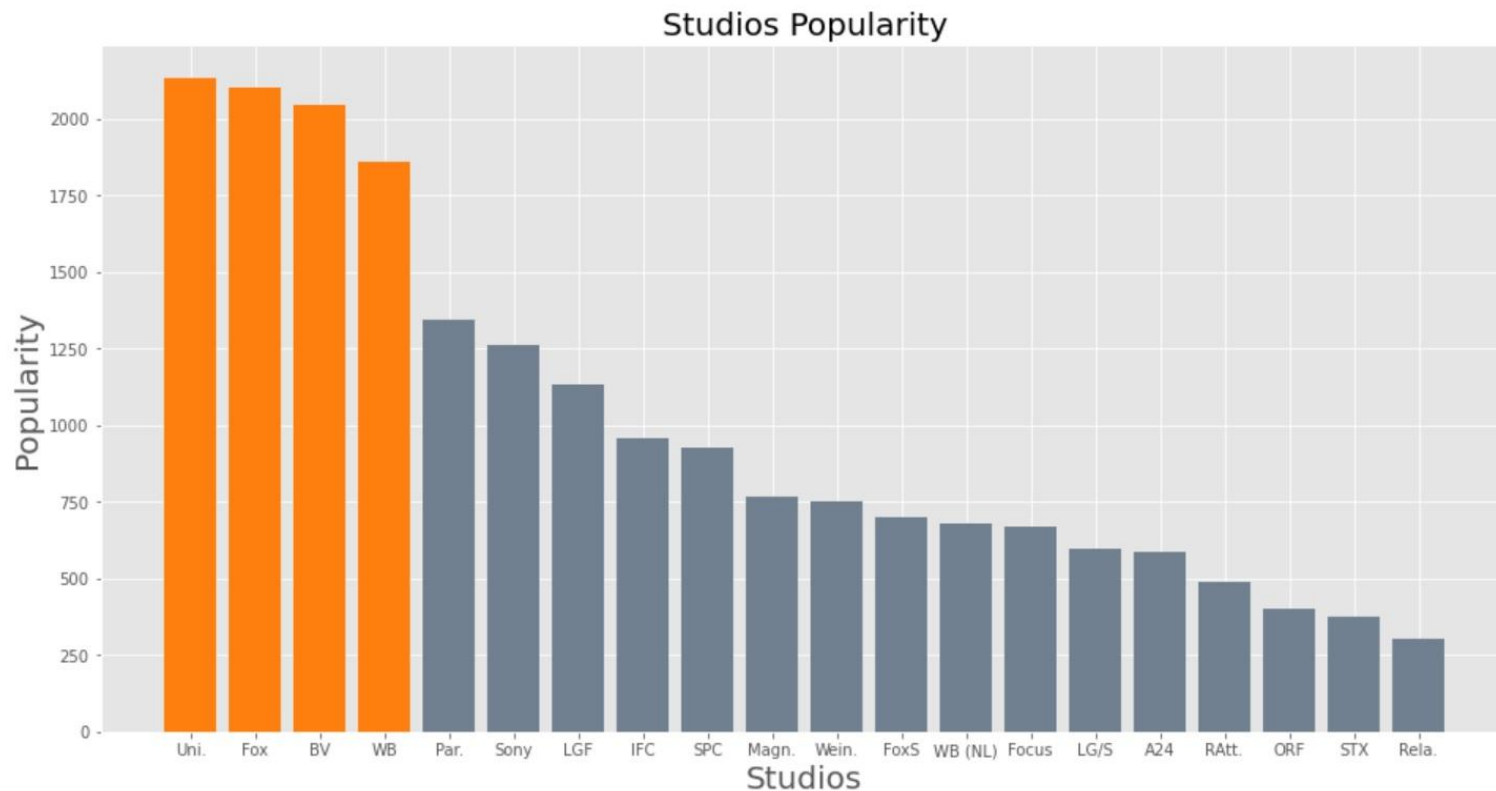


TOP 20 STUDIOS GRAPH



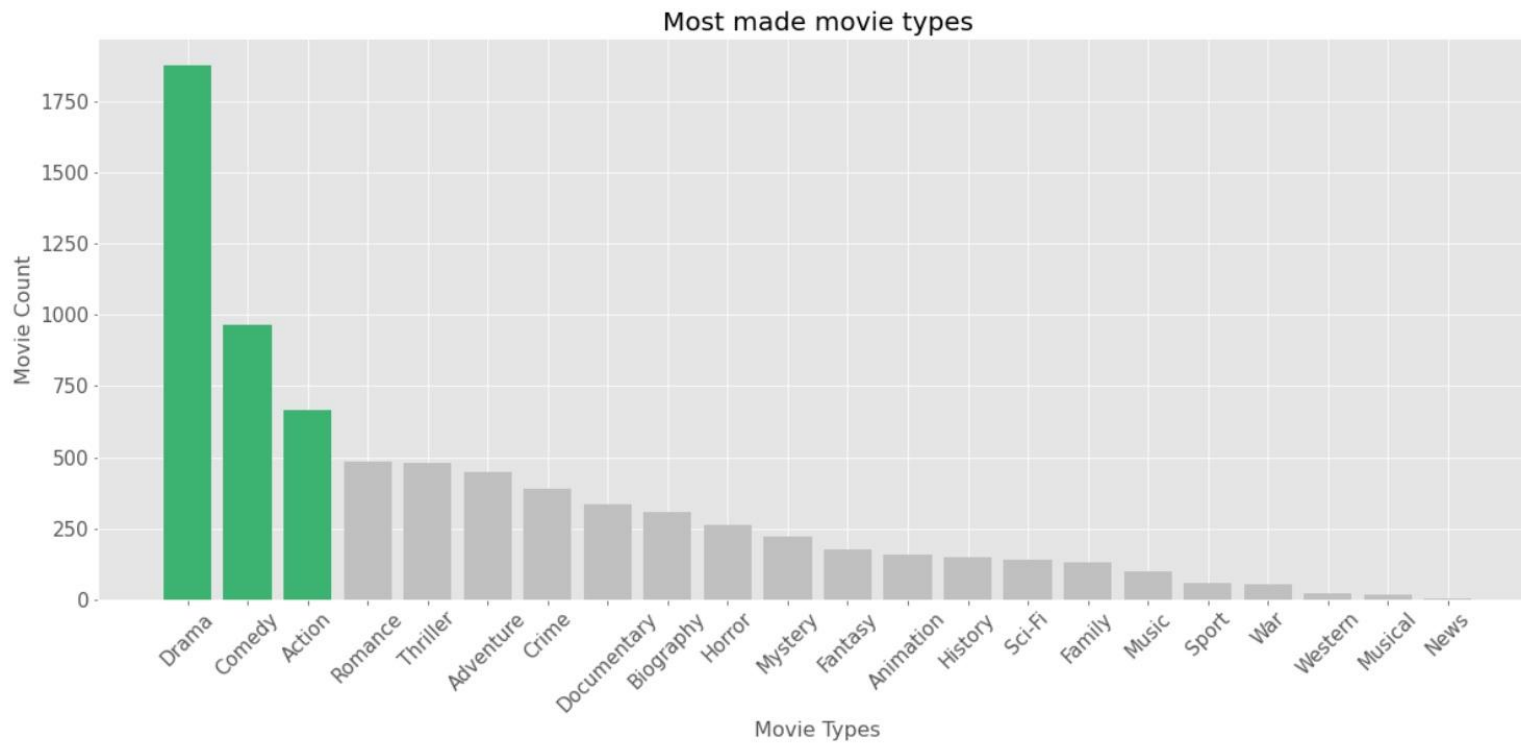
As we can see from this visualization BV, Fox, WB and Uni. Studios are the highest-grossing studios.

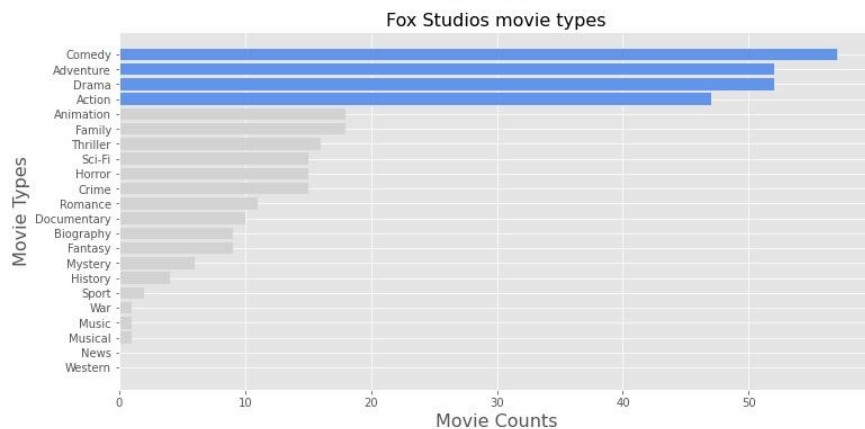
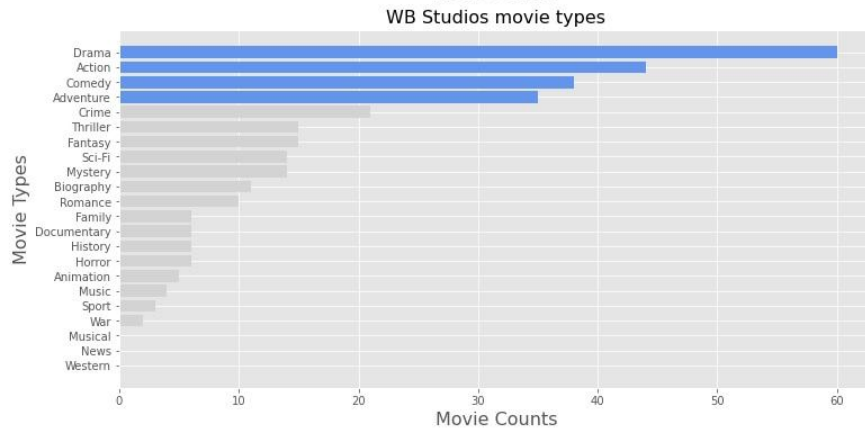
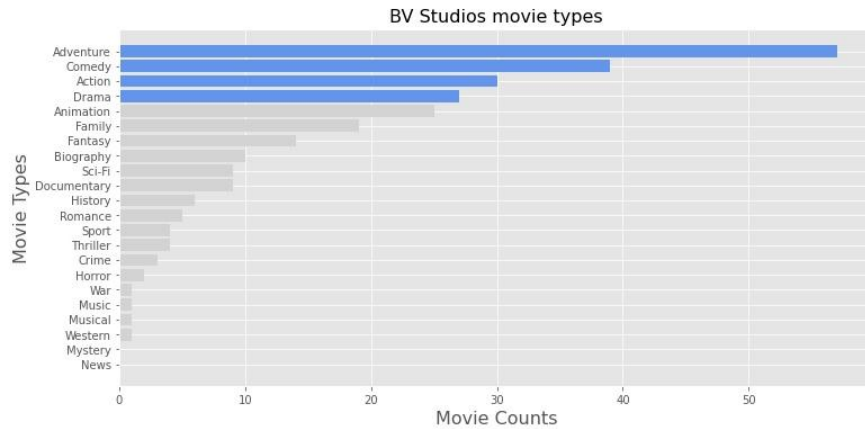
STUDIOS POPULARITY



This graph supportive previous one to see if highest-grossing studios also most popular ones.

LOOKING THE MOST MADE MOVIE TYPES



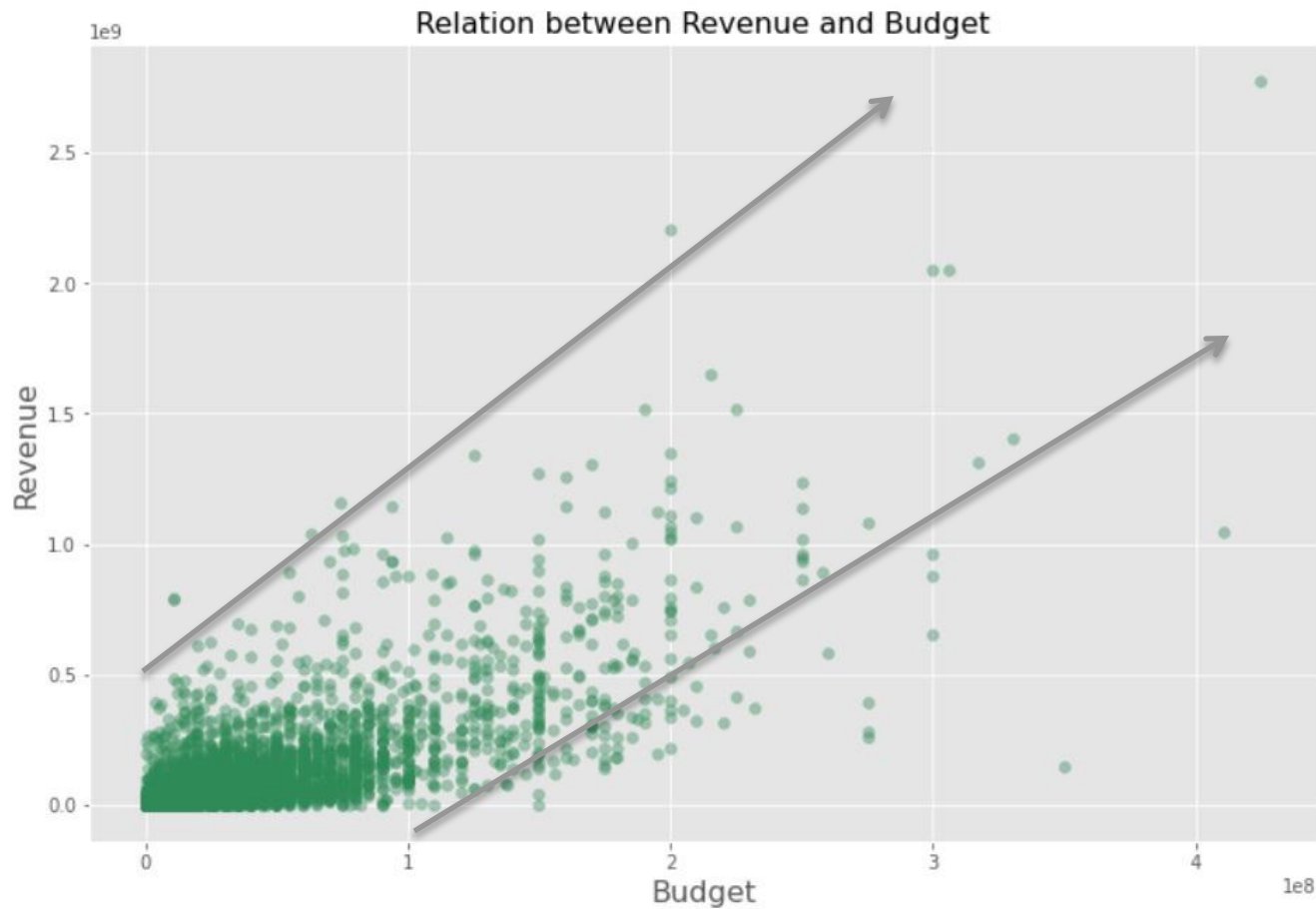


In here we wanted to show which first three of highest-grossing studios made type of movies.

And those types are ;

Adventure, Action, Drama and Comedy.

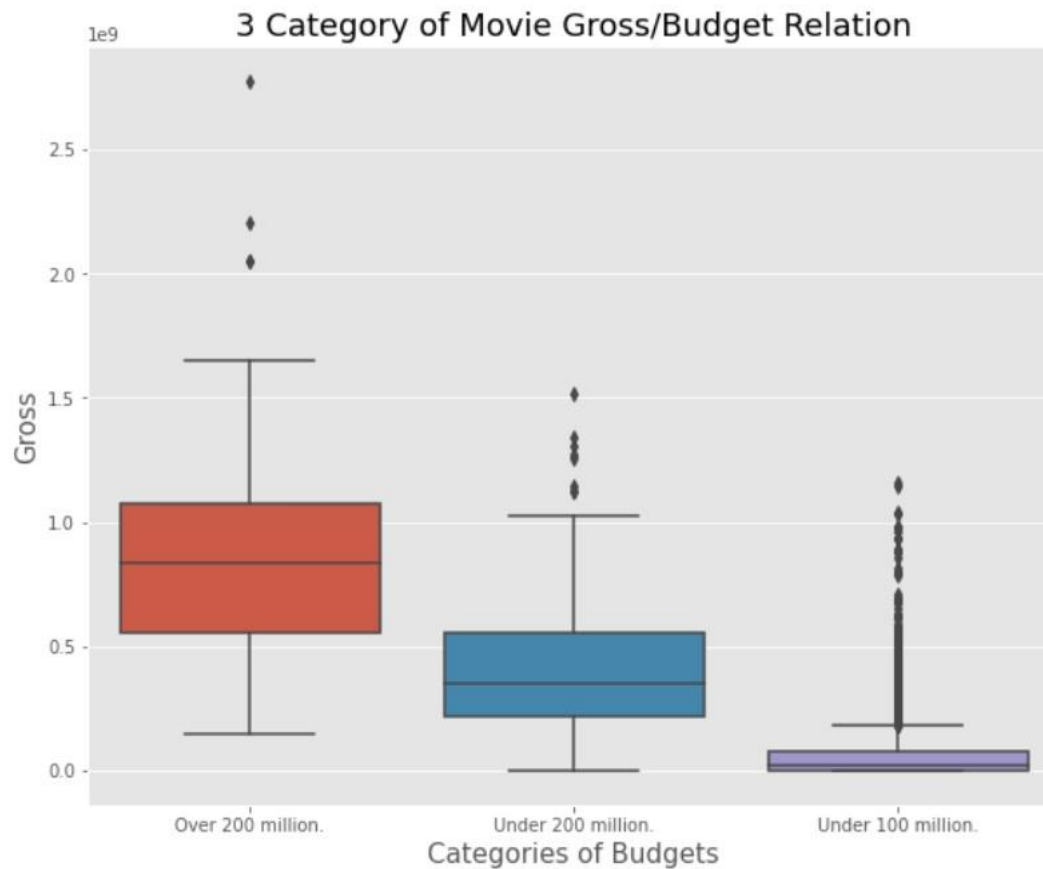
BUDGET-REVENUE RELATION



In this visualization is seen that the more budget provides the more revenue it comes.



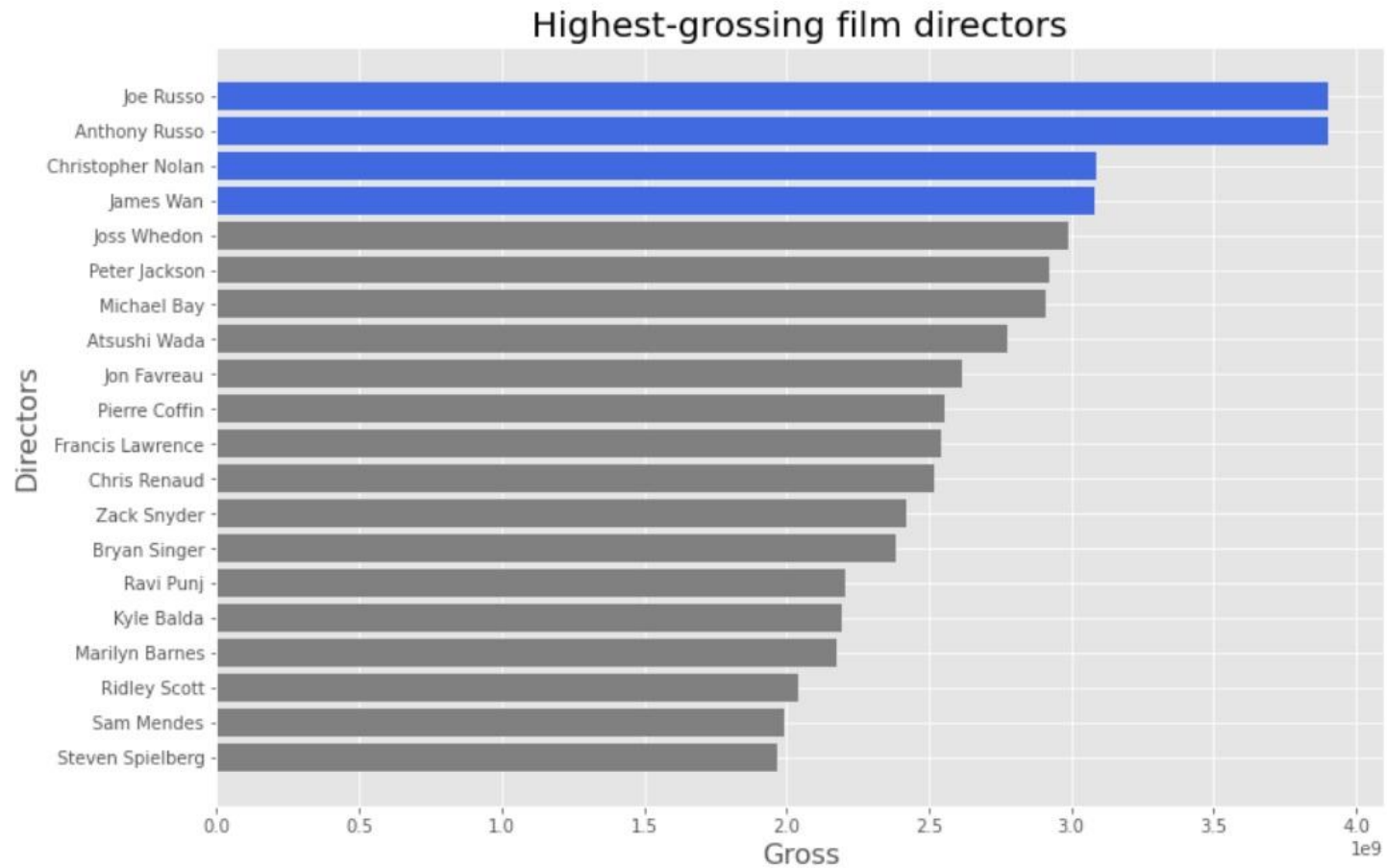
3 CATEGORY OF BUDGET-REVENUE



In this graph easily could be seen over 200 million category reaches the highest point of revenue

and under 100 million budget movies are the lowest revenue movies.

HIGHEST-GROSSING DIRECTORS



CONCLUSION

We can recommend to new studio to make movie with ;

- one of these directors,
- on action,adventure,comedy or drama.
- And give as much as possible budget.
- And further look what BV and Fox studios are doing to have most revenue and become most popular.



