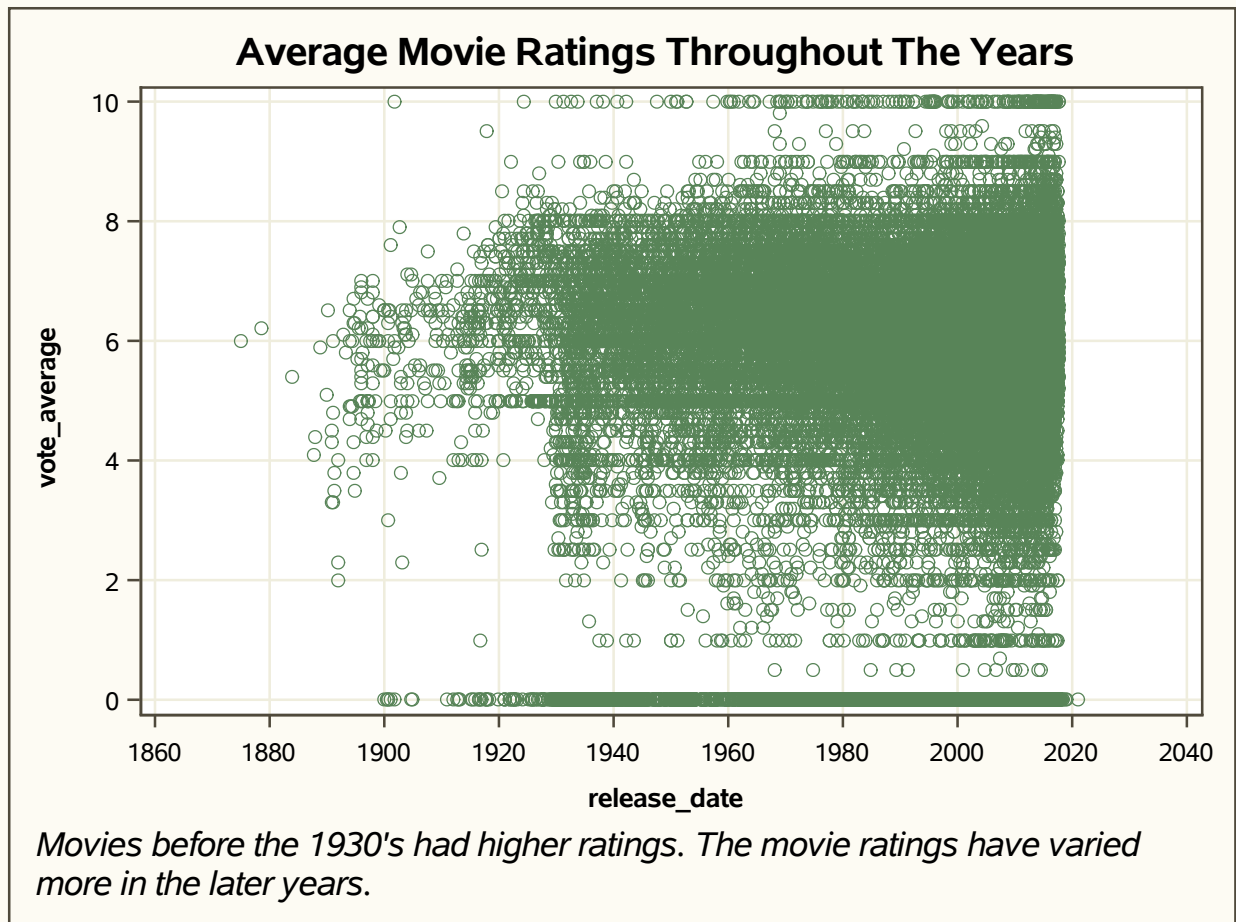


Average Review Score For Movies

Analysis Variable : vote_average Vote Average				
N	Mean	Std Dev	Minimum	Maximum
45348	5.6241907	1.9153159	0	10.0000000



Revenue analysis

Variable: revenue

Moments			
N	45432	Sum Weights	45432
Mean	11212390.5	Sum Observations	5.09401E11
Std Deviation	64350756.1	Variance	4.14102E15
Skewness	12.2627976	Kurtosis	237.379737
Uncorrected SS	1.93842E20	Corrected SS	1.88131E20
Coeff Variation	573.925391	Std Error Mean	301906.683

Basic Statistical Measures			
Location		Variability	
Mean	11212391	Std Deviation	64350756
Median	0	Variance	4.14102E15
Mode	0	Range	2787965087
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	37.1386	Pr > t 	<.0001
Sign	M	3699	Pr >= M 	<.0001
Signed Rank	S	13684451	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	2787965087
99%	273339556
95%	47951979
90%	8262833
75% Q3	0
50% Median	0
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	45433	1513528810	32734
0	45432	1519557910	10540
0	45431	1845034188	457
0	45430	2068223624	33106
0	45429	2787965087	9032

Movies before the 1930's had higher ratings. The movie ratings have varied more in the later years.

Revenue analysis

Variable: revenue

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1	0.00	100.00

Movies before the 1930's had higher ratings. The movie ratings have varied more in the later years.

Highest revenue generated by a movie

max_value
2787965087

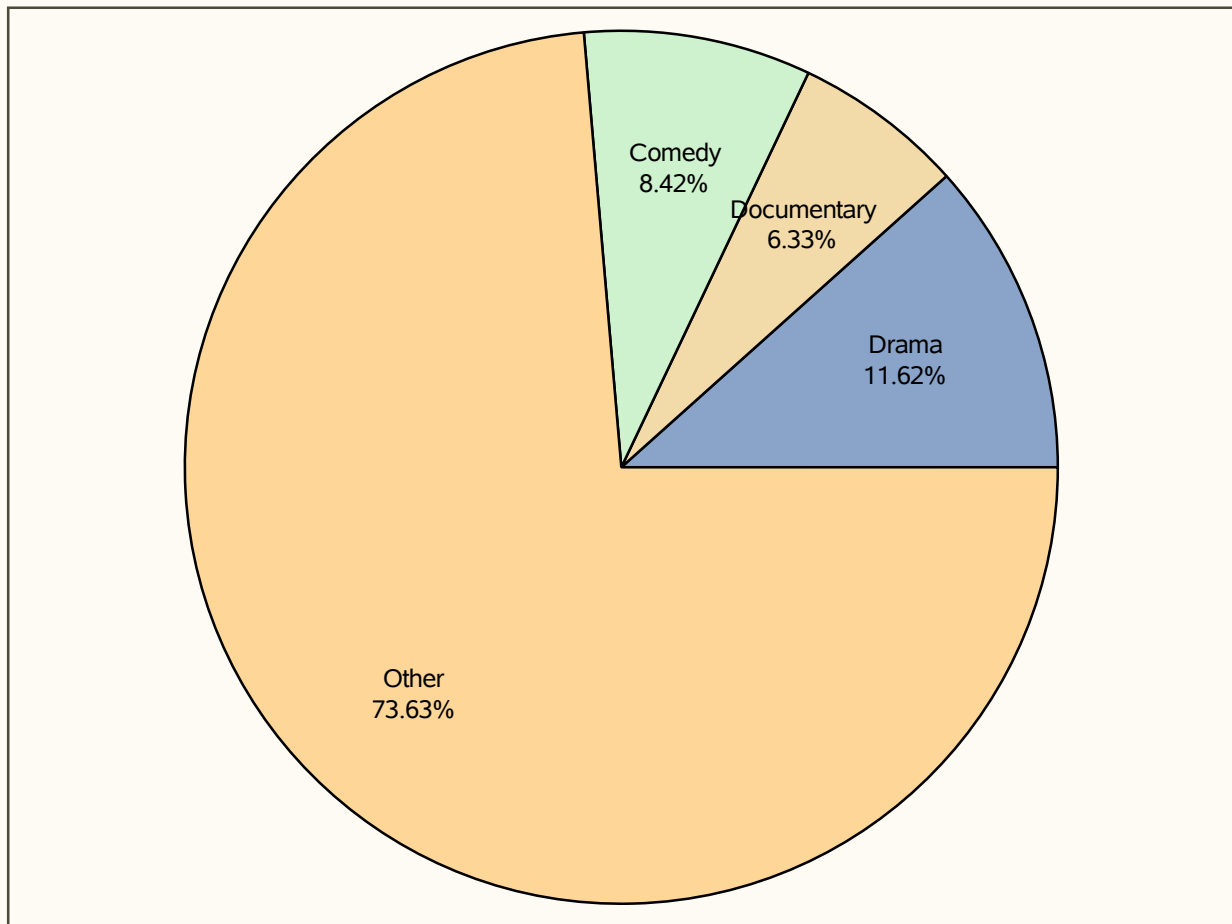
Movies before the 1930's had higher ratings. The movie ratings have varied more in the later years.

Top 10 most popular genre's throughout the years

Obs	genres	COUNT	PERCENT
1	Drama	4996	11.6213
2	Comedy	3620	8.4206
3	Documentary	2721	6.3294
4	Drama Romance	1300	3.0240
5	Comedy Drama	1133	2.6355
6	Horror	974	2.2656
7	Comedy Romance	930	2.1633
8	Comedy Drama Romance	593	1.3794
9	Drama Comedy	531	1.2352
10	Horror Thriller	528	1.2282

Movies before the 1930's had higher ratings. The movie ratings have varied more in the later years.

Percentage distribution of the popularity of each genre



Drama is the most popular genre at 11.62%

Average Drama

Analysis Variable : revenue				
N	Mean	Std Dev	Minimum	Maximum
4996	3550003.75	23731977.46	0	611899420

Drama is the most popular genre at 11.62%

Average Documentary

Analysis Variable : revenue				
N	Mean	Std Dev	Minimum	Maximum
2721	213301.40	3158019.12	0	109000000

Drama is the most popular genre at 11.62%

Average Comedy

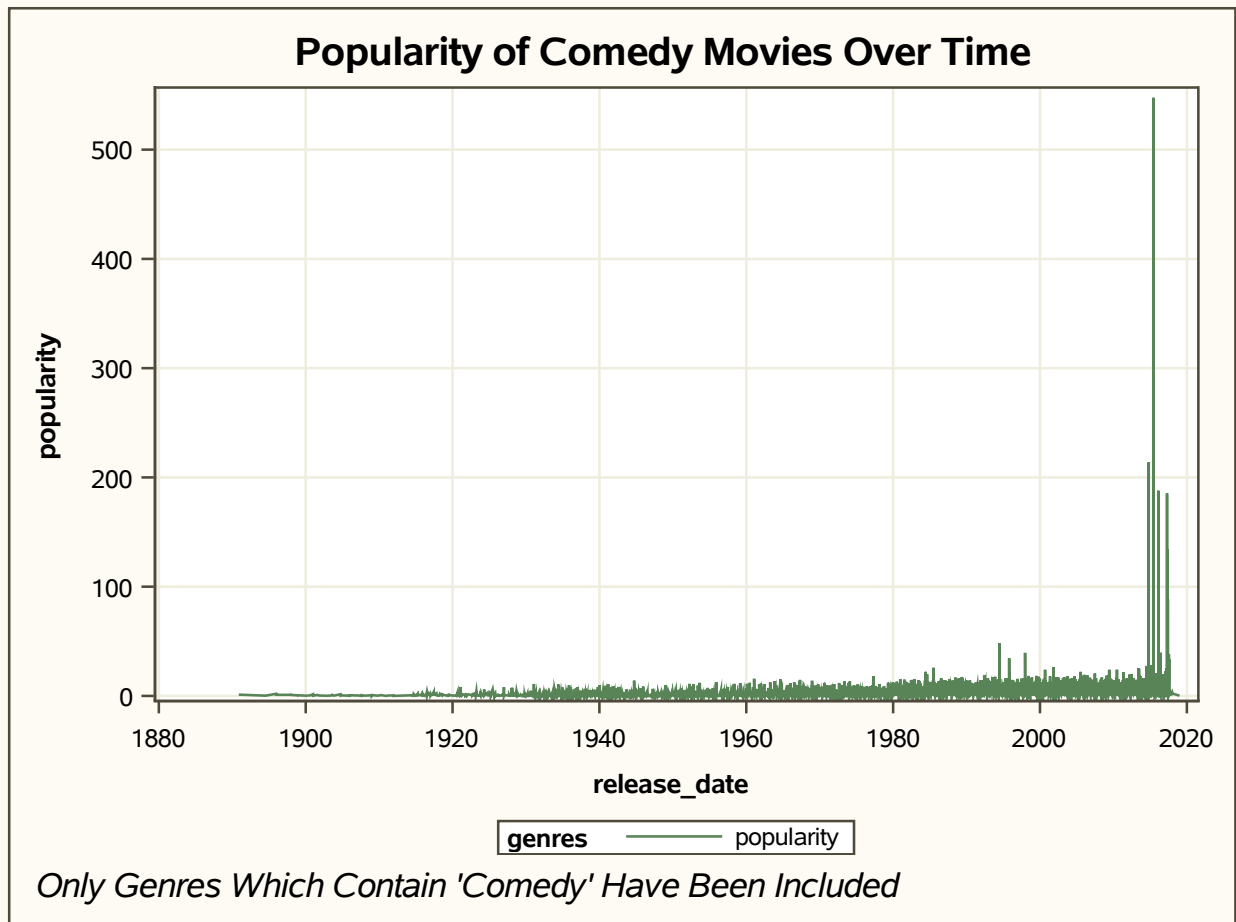
Analysis Variable : revenue				
N	Mean	Std Dev	Minimum	Maximum
3620	6463371.86	29086112.96	0	459270619

Drama is the most popular genre at 11.62%

Average Horror

Analysis Variable : revenue				
N	Mean	Std Dev	Minimum	Maximum
974	3391715.43	20202158.67	0	320170008

Drama is the most popular genre at 11.62%

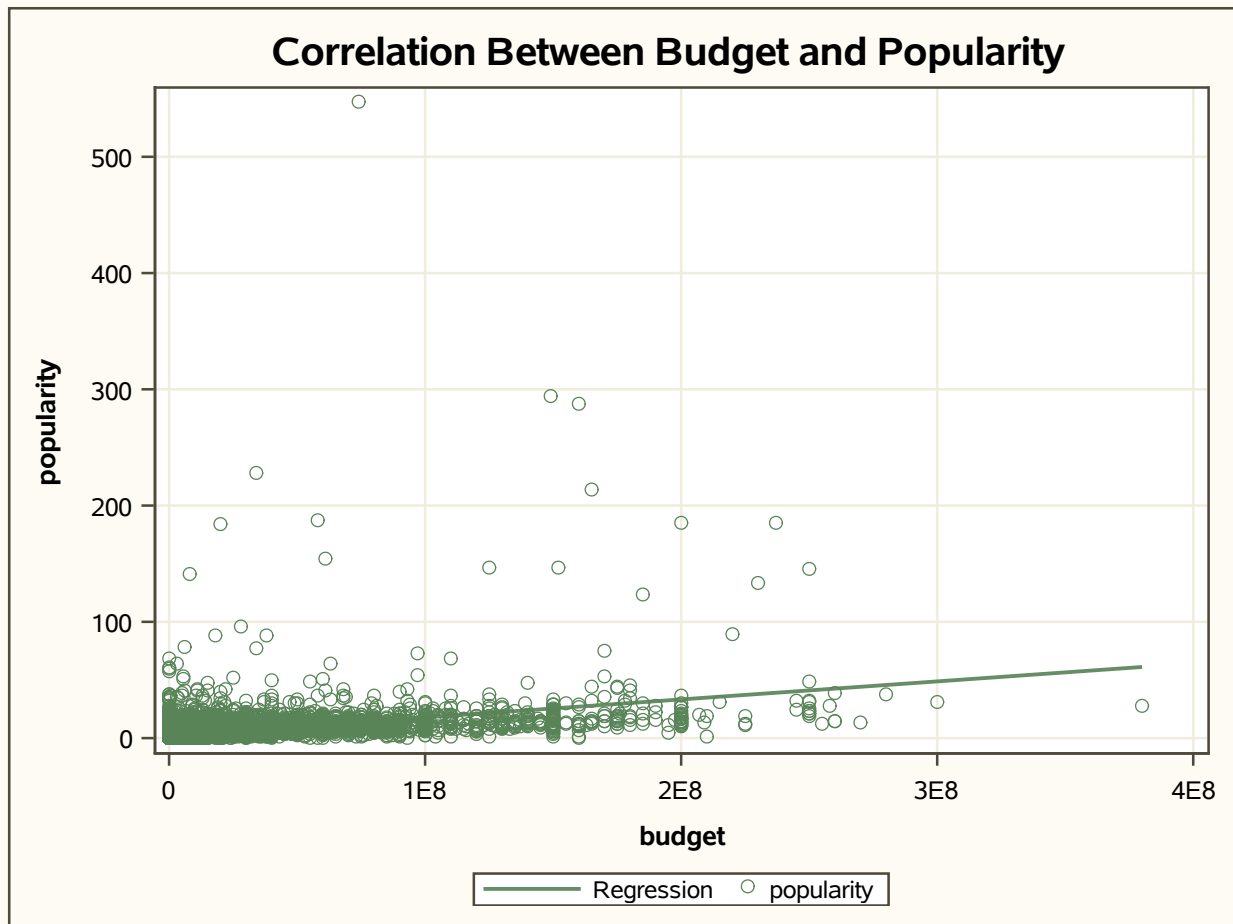


Correlation between budget and popularity

2 Variables: budget popularity

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
budget	45432	4224642	17428170	1.91934E11	0	380000000
popularity	45432	2.92116	6.00658	132714	0	547.48830

Pearson Correlation Coefficients, N = 45432 Prob > r under H0: Rho=0		
	budget	popularity
budget	1.00000	0.44968 <.0001
popularity	0.44968 <.0001	1.00000



Which movies are considered 'Good', 'Moderate' or 'Bad' based on ratings

Obs	title	rating
1	Ariel	Good
2	Shadows in Paradise	Good
3	Four Rooms	Bad
4	Judgment Night	Bad
5	Star Wars	Good
6	Finding Nemo	Good
7	Forrest Gump	Good
8	American Beauty	Good
9	Citizen Kane	Good
10	Dancer in the Dark	Good
11	The Dark	Bad
12	The Fifth Element	Good
13	Metropolis	Good
14	My Life Without Me	Good
15	The Endless Summer	Good
16	Pirates of the Caribbean: The Curse of the Black Pearl	Good
17	Kill Bill: Vol. 1	Good
18	Jarhead	Bad
19	Walk on Water	Bad
20	9 Songs	Bad

Which movies have a low budget and which have a high budget?

Obs	title	budget
1	Ariel	Low Budget
2	Shadows in Paradise	Low Budget
3	Four Rooms	High Budget
4	Judgment Night	Low Budget
5	Star Wars	High Budget
6	Finding Nemo	High Budget
7	Forrest Gump	High Budget
8	American Beauty	High Budget
9	Citizen Kane	High Budget
10	Dancer in the Dark	High Budget
11	The Dark	Low Budget
12	The Fifth Element	High Budget
13	Metropolis	High Budget
14	My Life Without Me	Low Budget
15	The Endless Summer	Low Budget
16	Pirates of the Caribbean: The Curse of the Black Pearl	High Budget
17	Kill Bill: Vol. 1	High Budget
18	Jarhead	High Budget
19	Walk on Water	High Budget
20	9 Songs	High Budget

Movies longer than 3 hours

Obs	title	duration
85	The Lord of the Rings: The Return of the King	201
189	The Godfather: Part II	200
203	King Kong	187
252	Once Upon a Time in America	229
271	Magnolia	188
282	Seven Samurai	207
323	Schindler's List	195
375	The Green Mile	189
442	Dances with Wolves	181
457	Titanic	194
476	The Birth of a Nation	193
521	Ben-Hur	212
532	Pearl Harbor	183
543	The Travelling Players	223
549	Short Cuts	187
594	Gone with the Wind	238
607	Gandhi	191
643	JFK	189
644	Judgment at Nuremberg	186
697	Frank Herbert's Dune	292