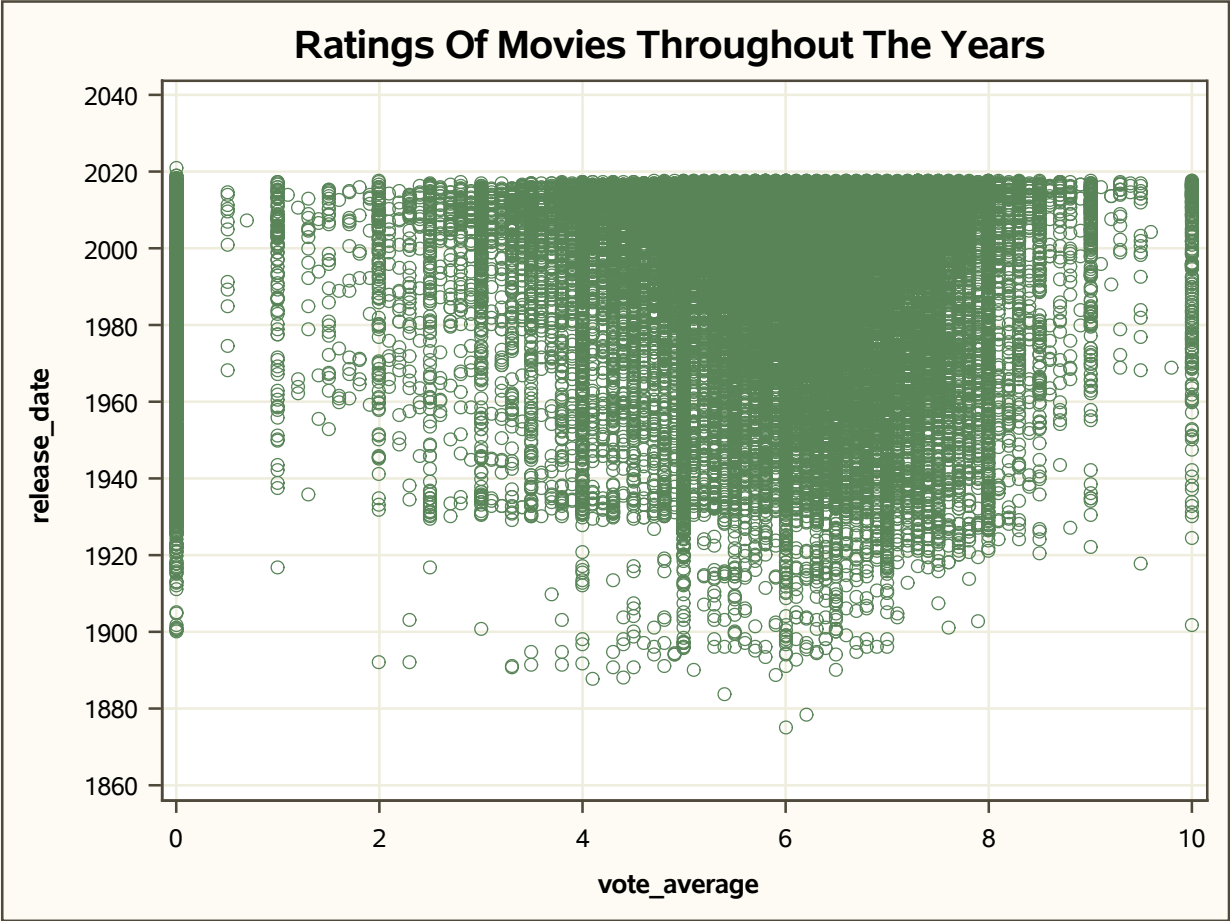
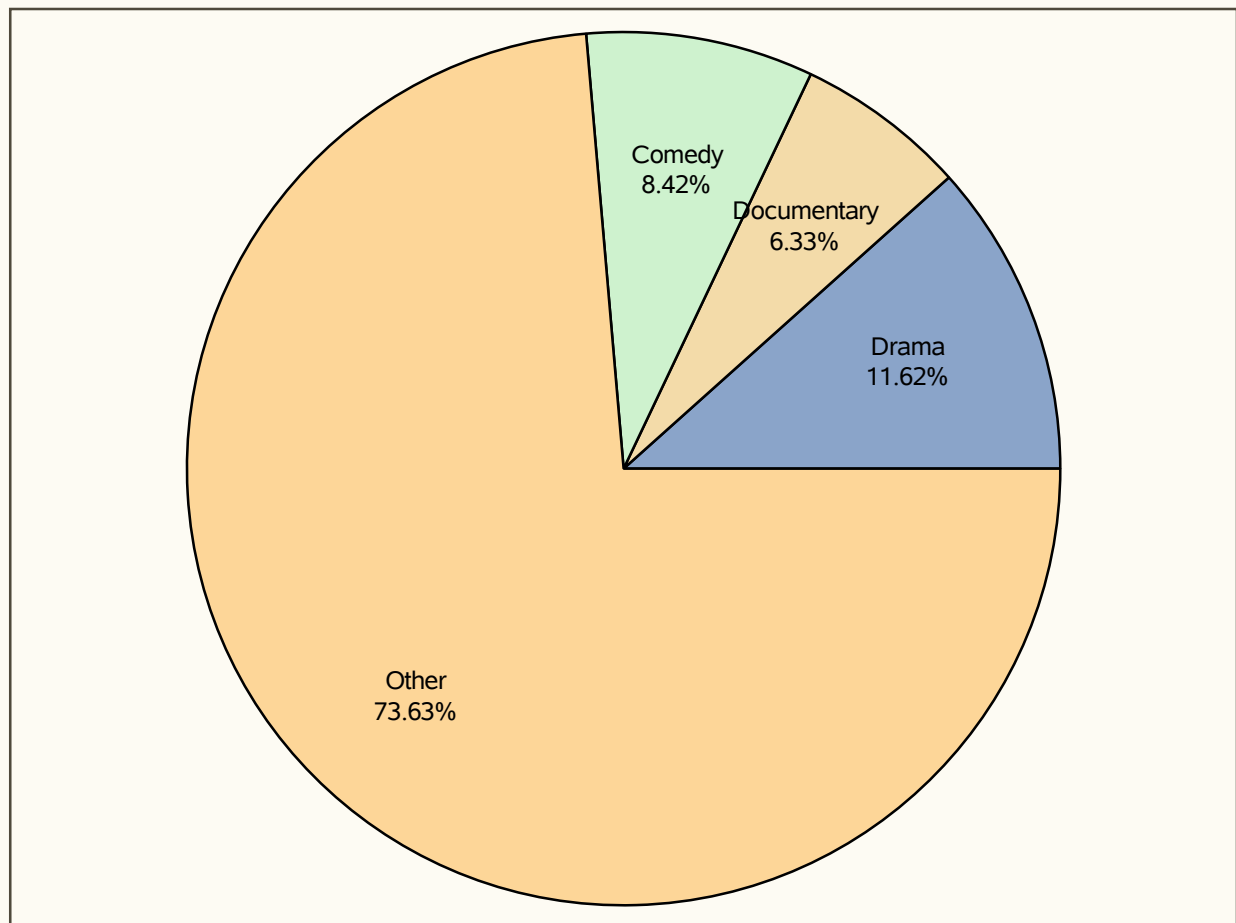


Average Review

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

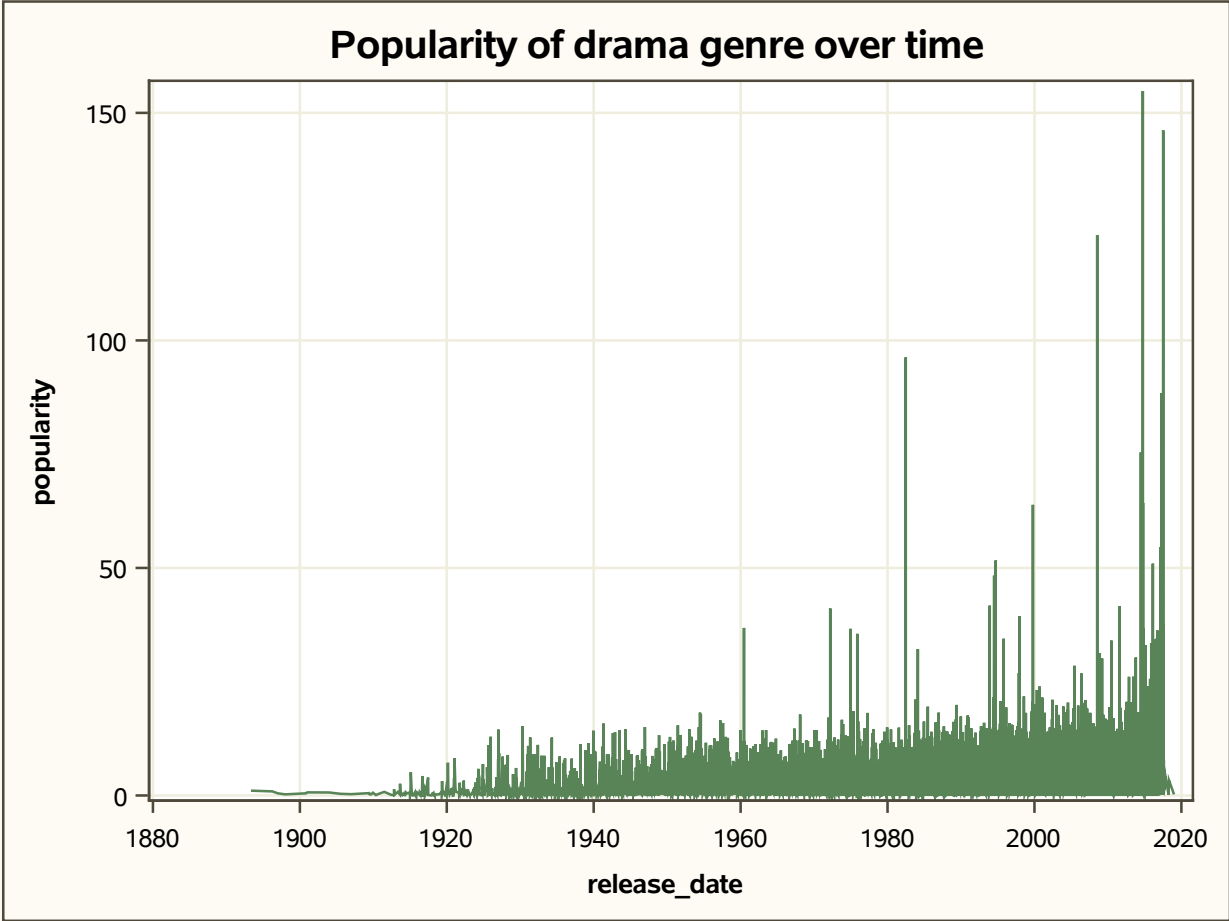


Distribution of the popularity among genre



Popular genres

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
11	Drama Thriller	497	1.1561
12	Thriller	465	1.0816
13	Crime Drama	430	1.0002
14	Romance Drama	343	0.7979
15	Western	318	0.7397
16	Action Thriller	301	0.7002
17	Drama Foreign	282	0.6560
18	Action	278	0.6467
19	Drama History	267	0.6211
20	Action Comedy	242	0.5629



top8 vote count and common keywords

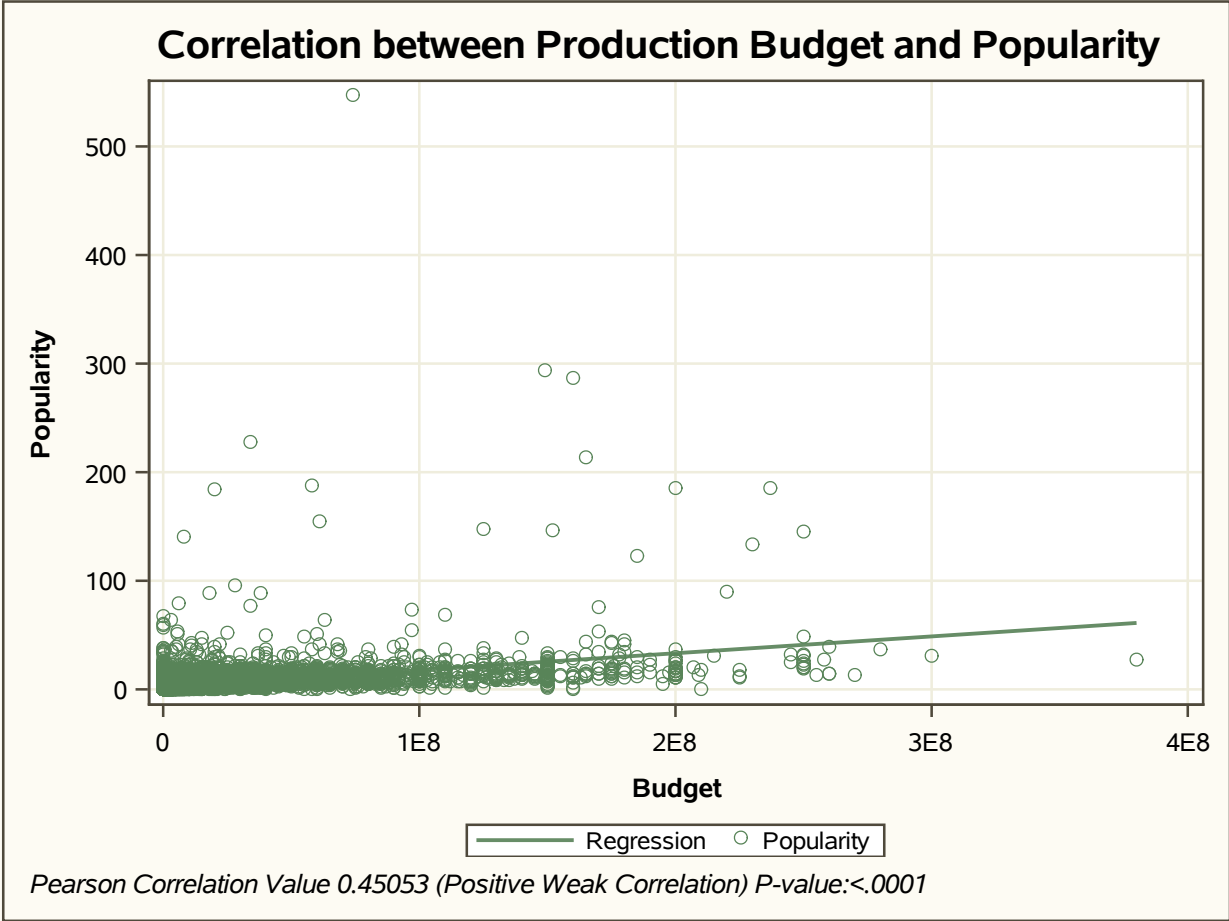
Obs	vote_count	keywords
8036	11187	saving the world artificial intelligence father son relationship single parent nasa expedition wormhole space travel famine black hole dystopia race against time quantum mechanics spaceship space rescue family relationships farmhouse robot astronaut scientist father daughter relationship single father farmer space sta
12442	12000	new york shield marvel comic superhero based on comic alien invasion superhero team aftercreditsstinger duringcreditsstinger marvel cinematic universe
14712	10014	marvel comic spaceship space outer space orphan adventurer aftercreditsstinger duringcreditsstinger marvel cinematic universe
15852	14075	loss of lover dream kidnapping sleep subconsciousness heist redemption female hero
24450	12269	dc comics crime fighter secret identity scarecrow sadism chaos gotham city vigilante joker superhero based on comic tragic hero organized crime criminal mastermind district attorney imax super villain super powers batman
24774	12114	culture clash future space war space colony society space travel futuristic romance space alien tribe alien planet cgi marine soldier battle love affair anti war power relations mind and soul 3d
27671	10297	bounty hunter hero plantation society friendship friends revenge rivalry rescue shootout racism danger dentist django dual role aftercreditsstinger odd couple black slave deadly chases and races 19th century
30115	11444	anti hero mercenary marvel comic superhero based on comic breaking the fourth wall aftercreditsstinger duringcreditsstinger self healing

Relation between Production 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



Duration of movies

Obs	title	Duration	runtime_new
1	Countdown	Long	119
2	Tabloid Truth	Medium	121
3	Spellbound	Long	114
4	Unbowed	Long	100
5	The Taste of Money	Long	115
6	Cold Eyes	Long	119
7	Big Momma's House	Long	98
8	Rob the Bank	Short	88
9	Lost Islands	Long	101
10	Uncle Vanya	Long	104
11	Bajirao Mastani	Medium	150
12	Don't call him 'Dimon'	Short	.
13	Blood on the Land	Short	.
14	Åsa-Nisse - Welcome to Knochult	Short	89
15	Everyday Sunshine: The Story of Fishbone	Long	107
16	The Mistress	Short	81
17	The Mark of Zorro	Long	94
18	The Reformer and the Redhead	Long	90
19	Zoombies	Long	90
20	Zoo in Budapest	Long	94
21	Born to Be Wild	Short	40
22	Fierce Creatures	Long	93
23	Logorama	Short	16
24	RoboCroc	Short	77
25	Zebra in the Kitchen	Long	92
26	We Bought a Zoo	Medium	124
27	Wyrnwood: Road Of The Dead	Long	98
28	Doghouse	Short	89
29	Nightmare City	Long	92
30	What We Become	Short	85

Gross Revenue of Movies

Obs	id	title	Gross
1	9600	Big Momma's House	Top Grossing
2	362045	Bajirao Mastani	Blockbuster
3	50081	Born to Be Wild	Good
4	12145	Fierce Creatures	Good
5	74465	We Bought a Zoo	Top Grossing
6	31503	My Boyfriend's Back	Good
7	13025	Diary of the Dead	Good
8	9541	Jersey Girl	Good
9	13154	Showdown in Little Tokyo	Good
10	152747	All Is Lost	Good
11	43593	Piranha 3D	Blockbuster
12	642	Butch Cassidy and the Sundance Kid	Top Grossing
13	22201	Gunfight at the O.K. Corral	Good
14	3526	Frances	Good
15	5143	Hannah and Her Sisters	Good
16	2013	The Diving Bell and the Butterfly	Good
17	28117	Delirious	Good
18	14271	Beyond the Mat	Good
19	20697	Ready to Rumble	Good
20	376812	Sultan	Top Grossing

Budget Analysis

Variable: budget

Moments			
N	45432	Sum Weights	45432
Mean	4224641.92	Sum Observations	1.91934E11
Std Deviation	17428170.1	Variance	3.03741E14
Skewness	7.12491836	Kurtosis	66.7478971
Uncorrected SS	1.46101E19	Corrected SS	1.37993E19
Coeff Variation	412.536031	Std Error Mean	81765.644

Basic Statistical Measures			
Location		Variability	
Mean	4224642	Std Deviation	17428170
Median	0	Variance	3.03741E14
Mode	0	Range	380000000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	51.66769	Pr > t	<.0001
Sign	M	4440	Pr >= M	<.0001
Signed Rank	S	19715820	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	380000000
99%	87000000
95%	25000000
90%	8000000
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	45427	260000000	28963
0	45425	270000000	8026
0	45424	280000000	14713
0	45422	300000000	12034
0	45415	380000000	7829

Budget Analysis

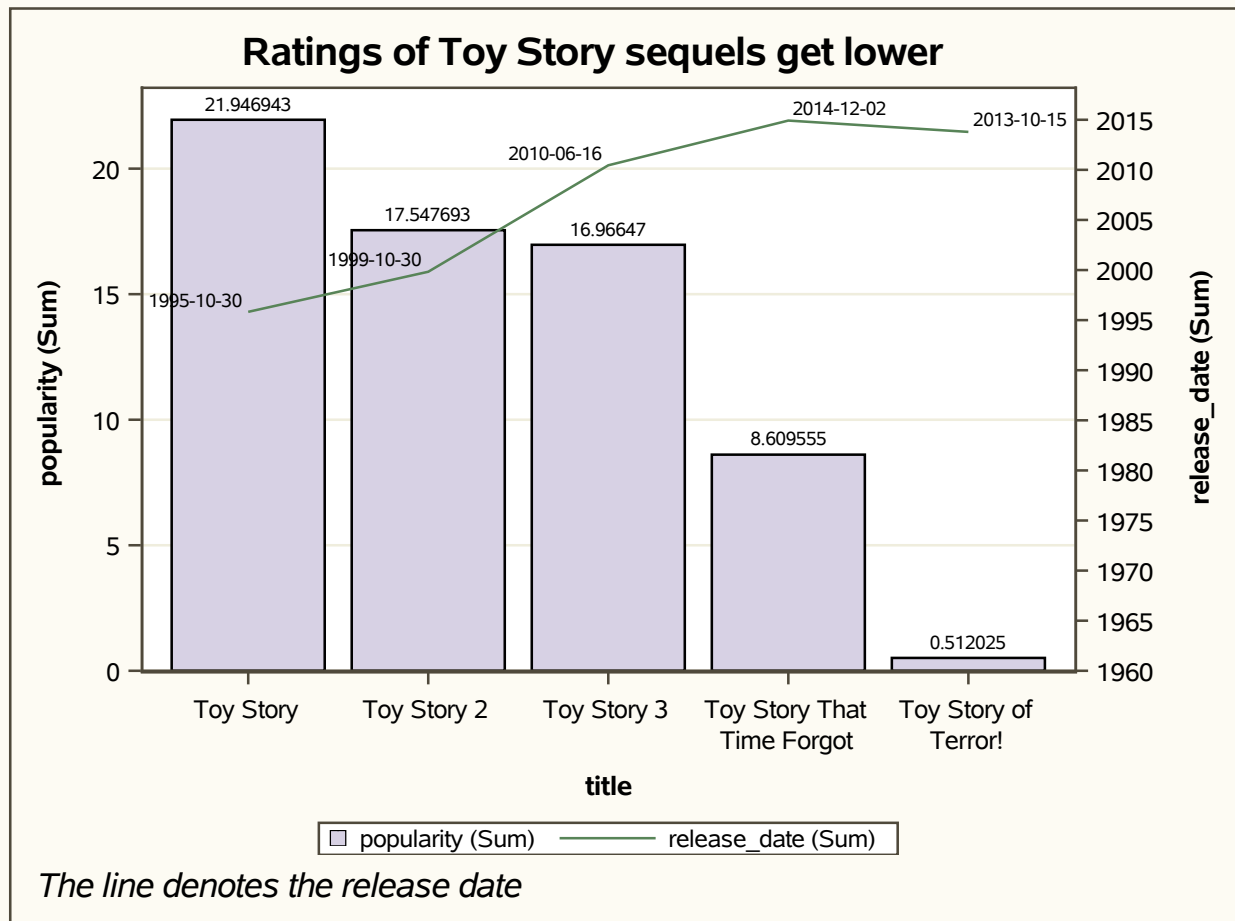
Obs	budget
1	380000000

Vote Count classification

Obs	title	vote_count
1	Countdown	small
2	Tabloid Truth	small
3	Spellbound	small
4	Unbowed	small
5	The Taste of Money	small
6	Cold Eyes	small
7	Big Momma's House	medium
8	Rob the Bank	small
9	Lost Islands	small
10	Uncle Vanya	small
11	Bajirao Mastani	small
12	Don't call him 'Dimon'	small
13	Blood on the Land	small
14	Åsa-Nisse - Welcome to Knochult	small
15	Everyday Sunshine: The Story of Fishbone	small
16	The Mistress	small
17	The Mark of Zorro	small
18	The Reformer and the Redhead	small
19	Zoombies	small
20	Zoo in Budapest	small
21	Born to Be Wild	small
22	Fierce Creatures	small
23	Logorama	small
24	RoboCroc	small
25	Zebra in the Kitchen	small
26	We Bought a Zoo	large
27	Wormwood: Road Of The Dead	small
28	Doghouse	small
29	Nightmare City	small
30	What We Become	small

Vote Count classification

Obs	title	vote_count
1	Countdown	13
2	Tabloid Truth	9
3	Spellbound	45
4	Unbowed	10
5	The Taste of Money	23
6	Cold Eyes	59
7	Big Momma's House	514
8	Rob the Bank	29
9	Lost Islands	4
10	Uncle Vanya	3
11	Bajirao Mastani	71
12	Don't call him 'Dimon'	6
13	Blood on the Land	2
14	Åsa-Nisse - Welcome to Knochult	6
15	Everyday Sunshine: The Story of Fishbone	1
16	The Mistress	4
17	The Mark of Zorro	39
18	The Reformer and the Redhead	0
19	Zoombies	32
20	Zoo in Budapest	2
21	Born to Be Wild	20
22	Fierce Creatures	95
23	Logorama	50
24	RoboCroc	7
25	Zebra in the Kitchen	1
26	We Bought a Zoo	928
27	Wormwood: Road Of The Dead	173
28	Doghouse	117
29	Nightmare City	30
30	What We Become	35



Thriller Genre Movies Popularity

Obs	genres	popularity
37	Thriller	9.970359
40	Thriller	0.634053
46	Thriller	0.056765
50	Thriller	0.056136
51	Thriller	0.287974
56	Thriller	0.219061
68	Thriller	0.271583
85	Thriller	0.667285
86	Thriller	0.48592
94	Thriller	1.430827

Votes for movies

Obs	Totalvote	vote_count	vote_average	title
1	84.5	13	6.5	Countdown
2	45.0	9	5	Tabloid Truth
3	306.0	45	6.8	Spellbound
4	65.0	10	6.5	Unbowed
5	138.0	23	6	The Taste of Money
6	424.8	59	7.2	Cold Eyes
7	2878.4	514	5.6	Big Momma's House
8	200.1	29	6.9	Rob the Bank
9	20.4	4	5.1	Lost Islands
10	24.9	3	8.3	Uncle Vanya