

-Rukmini Annadata  
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**Rukmini Annadata**

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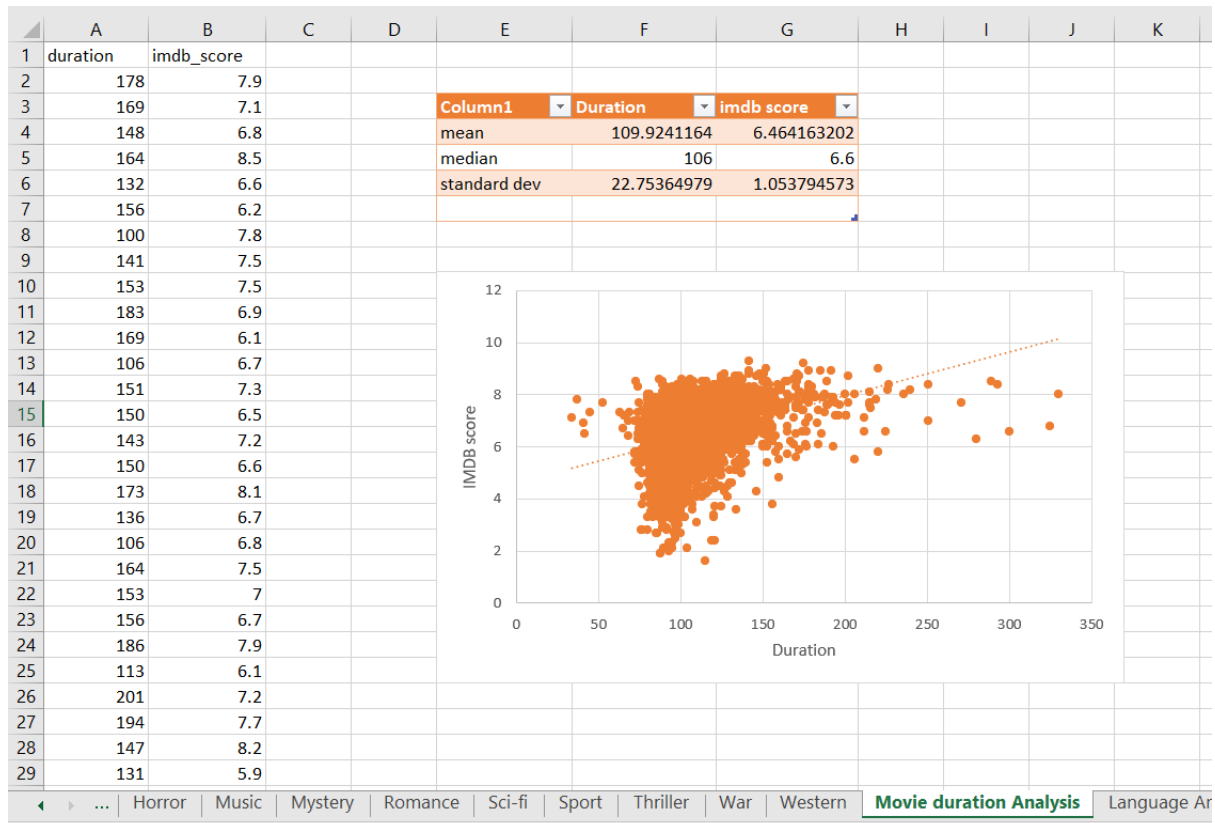
Clipboard Font Alignment Number Styles Cells Editing Add-ins

A	B	C	D	E	F	G	H	I	J	K	L	M	N
director_name	num_vot	gross	genres		actor_1_name	movie_title	num_vot	num_l	language	country	budget	title_year	imdb_score
James Cameron	723	178	760505847 Action Adventure Fantasy Sci-Fi		CCH Pounder	Avatarâ	886204	3054	English	USA	237000000	2009	7.9
Gore Verbinski	302	169	309404152 Action Adventure Fantasy		Johnny Depp	Pirates of the Caribbean: At World's Endâ	471220	1238	English	USA	300000000	2007	7.1
Sam Mendes	602	148	200074175 Action Adventure Thriller		Christoph Waltz	Spectreâ	275868	994	English	UK	245000000	2015	6.8
Christopher Nolan	813	164	448130642 Action Thriller		Tom Hardy	The Dark Knight Risesâ	1144337	2701	English	USA	250000000	2012	8.5
Andrew Stanton	462	132	73058679 Action Adventure Sci-Fi		Daryl Sabara	John Carterâ	212204	738	English	USA	263700000	2012	6.6
Sam Raimi	392	156	336530303 Action Adventure Romance		J.K. Simmons	Spider-Man 3â	383056	1902	English	USA	258000000	2007	6.2
Nathan Greno	324	100	200807262 Adventure Animation Comedy Family Fan		Brad Garrett	Tangledâ	294810	387	English	USA	260000000	2010	7.8
Joss Whedon	635	141	458991599 Action Adventure Sci-Fi		Chris Hemsworth	Avengers: Age of Ultronâ	462669	1117	English	USA	250000000	2015	7.5
David Yates	375	153	301956980 Adventure Family Fantasy Mystery		Alan Rickman	Harry Potter and The Half-Blood Princeâ	321795	973	English	UK	250000000	2009	7.5
Zack Snyder	673	183	330249062 Action Adventure Sci-Fi		Henry Cavill	Batman v Superman: Dawn of Justiceâ	371639	3018	English	USA	250000000	2016	6.9
Bryan Singer	434	169	20069408 Action Adventure Sci-Fi		Kevin Spacey	Superman Returnsâ	240396	2367	English	USA	209000000	2006	6.1
Marc Forster	403	106	168368427 Action Adventure		Giancarlo Giannini	Quantum of Solaceâ	330784	1243	English	UK	200000000	2008	6.7
Gore Verbinski	313	151	423932628 Action Adventure Fantasy		Johnny Depp	Pirates of the Caribbean: Dead Man's Chestâ	522040	1832	English	USA	225000000	2006	7.3
Gore Verbinski	450	150	89289910 Action Adventure Western		Johnny Depp	The Lone Rangerâ	181792	711	English	USA	215000000	2013	6.5
Zack Snyder	733	143	291021565 Action Adventure Fantasy Sci-Fi		Henry Cavill	Man of Steelâ	548573	2366	English	USA	225000000	2013	7.2
Andrew Adamson	258	150	141614023 Action Adventure Family Fantasy		Peter Dinklage	The Chronicles of Narnia: Prince Caspianâ	149922	438	English	USA	225000000	2008	6.6
Joss Whedon	703	173	623279547 Action Adventure Sci-Fi		Chris Hemsworth	The Avengersâ	995415	1722	English	USA	220000000	2012	8.1
Rob Marshall	448	136	241063875 Action Adventure Fantasy		Johnny Depp	Pirates of the Caribbean: On Stranger Tidesâ	370074	484	English	USA	250000000	2011	6.7
Barry Sonnenfeld	451	106	179020854 Action Adventure Comedy Family Fantasy		Will Smith	Men in Black 3â	268154	341	English	USA	225000000	2012	6.8
Peter Jackson	422	164	255108370 Adventure Fantasy		Aidan Turner	The Hobbit: The Battle of the Five Armiesâ	354228	802	English	New Zeala	250000000	2014	7.5
Marc Webb	599	153	262030663 Action Adventure Fantasy		Emma Stone	The Amazing Spider-Manâ	451803	1225	English	USA	230000000	2012	7
Ridley Scott	343	156	105219735 Action Adventure Drama History		Mark Addy	Robin Hoodâ	211765	546	English	USA	200000000	2010	6.7
Peter Jackson	509	186	258355354 Adventure Fantasy		Aidan Turner	The Hobbit: The Desolation of Smaugâ	483540	951	English	USA	225000000	2013	7.9
Chris Weitz	251	113	70083519 Adventure Family Fantasy		Christopher Lee	The Golden Compassâ	149019	666	English	USA	180000000	2007	6.1
Peter Jackson	446	201	218051260 Action Adventure Drama Romance		Naomi Watts	King Kongâ	316018	2618	English	New Zeala	207000000	2005	7.2
James Cameron	315	194	658672302 Drama Romance		Leonardo DiCaprio	Titanicâ	793059	2528	English	USA	200000000	1997	7.7
Anthony Russo	516	147	407197282 Action Adventure Sci-Fi		Robert Downey Jr.	Captain America: Civil Warâ	272670	1022	English	USA	250000000	2016	8.2
Peter Berg	377	131	65173160 Action Adventure Sci-Fi Thriller		Liam Neeson	Battleshipâ	202382	751	English	USA	209000000	2012	5.9

IMDB\_Movies descriptive stats action Adventure Animation Biography Crime Comedy Documentary Drama Family Fantasy History Horror Music Mys ...

[illegible]

## Movies duration Analysis:



## Language Analysis:

	A	B	C	D	E	F	G	H	I	J
1	movie_title	language	imdb_score			unique_language	Count	Mean	Median	SD
2	Avatar	English	7.9			English	3602	6.42085	6.6	1.057599
3	Pirates of the Caribbean: At World's End	English	7.1			Mandarin	14	7.021429	6.6	0
4	Spectre	English	6.8			Aboriginal	2	6.95	6.6	0
5	The Dark Knight Rises	English	8.5			Spanish	26	7.05	6.6	0
6	John Carter	English	6.6			French	37	7.286486	6.6	0
7	Spider-Man 3	English	6.2			Filipino	1	6.7	6.6	0
8	Tangled	English	7.8			Maya	1	7.8	6.6	0
9	Avengers: Age of Ultron	English	7.5			Kazakh	1	6	6.6	0
10	Harry Potter and the Half-Blood Prince	English	7.5			Telugu	1	8.4	6.6	0
11	Batman v Superman: Dawn of Justice	English	6.9			Cantonese	8	7.2375	6.6	0
12	Superman Returns	English	6.1			Japanese	12	7.625	6.6	0
13	Quantum of Solace	English	6.7			Aramaic	1	7.1	6.6	0
14	Pirates of the Caribbean: Dead Man's Chest	English	7.3			Italian	7	7.185714	6.6	0
15	The Lone Ranger	English	6.5			Dutch	3	7.566667	6.6	0
16	Man of Steel	English	7.2			Dari	2	7.5	6.6	0
17	The Chronicles of Narnia: Prince Caspian	English	6.6			German	13	7.692308	6.6	0
18	The Avengers	English	8.1			Mongolian	1	7.3	6.6	0
19	Pirates of the Caribbean: On Stranger Tides	English	6.7			Thai	3	6.633333	6.6	0
20	Men in Black 3	English	6.8			Bosnian	1	4.3	6.6	0
21	The Hobbit: The Battle of the Five Armies	English	7.5			Korean	4	7.875	6.6	0
22	The Amazing Spider-Man	English	7			Hungarian	1	7.1	6.6	0
23	Robin Hood	English	6.7			Hindi	10	6.76	6.6	0
24	The Hobbit: The Desolation of Smaug	English	7.9			Icelandic	1	6.9	6.6	0
25	The Golden Compass	English	6.1			Danish	3	7.9	6.6	0
26	King Kong	English	7.2			Portuguese	5	7.76	6.6	0
27	Titanic	English	7.7			Norwegian	4	7.15	6.6	0
28	Captain America: Civil War	English	8.2			Czech	1	7.4	6.6	0
29	Battleship	English	5.9			Russian	1	6.5	6.6	0
30	Battleship	English	5.9			Russian	1	6.5	6.6	0
31	Jurassic World	English	7			None	1	8.5	6.6	0
32	Skyfall	English	7.8			Zulu	1	7.3	6.6	0
33	Spider-Man 2	English	7.3			Hebrew	3	7.5	6.6	0
34	Iron Man 3	English	7.2			Dzongkha	1	7.5	6.6	0
35	Alice in Wonderland	English	6.5			Arabic	1	7.2	6.6	0
36	X-Men: The Last Stand	English	6.8			Vietnamese	1	7.4	6.6	0
37	Monsters University	English	7.3			Indonesian	2	7.9	6.6	0
38	Transformers: Revenge of the Fallen	English	6			Romanian	1	7.9	6.6	0
39	Transformers: Age of Extinction	English	5.7			Persian	3	8.133333	6.6	0
40	Oz the Great and Powerful	English	6.4			Swedish	1	7.6	6.6	0
41	TRON: Legacy	English	6.8			GRAND TOTAL	3781			
42	Cars 2	English	6.3							
43	Green Lantern	English	5.6							
44	Toy Story 3	English	8.3							
45	Terminator Salvation	English	6.6							
46	Furious 7	English	7.2							
47	World War Z	English	7							
48	X-Men: Days of Future Past	English	8							
49	Star Trek Into Darkness	English	7.8							

### Director Analysis:

1	director_name	imdb_score	unique_directors	SORTED avg imdb	90th percentile	Checking if above or below				
2	James Cameron	7.9	Tony Kaye	8.6	7.5	Above 90th Percentile				
3	Gore Verbinski	7.1	Charles Chaplin	8.6		Above 90th Percentile				
4	Sam Mendes	6.8	Alfred Hitchcock	8.5		Above 90th Percentile				
5	Christopher Nola	8.5	Ron Fricke	8.5		Above 90th Percentile				
6	Andrew Stanton	6.6	Damien Chazelle	8.5		Above 90th Percentile				
7	Sam Raimi	6.2	Majid Majidi	8.5		Above 90th Percentile				
8	Nathan Greno	7.8	Sergio Leone	8.433333333		Above 90th Percentile				
9	Joss Whedon	7.5	Christopher Nolan	8.425		Above 90th Percentile				
10	David Yates	7.5	S.S. Rajamouli	8.4		Above 90th Percentile				
11	Zack Snyder	6.9	Richard Marquand	8.4		Above 90th Percentile				
12	Bryan Singer	6.1	Asghar Farhadi	8.4		Above 90th Percentile				
13	Marc Forster	6.7	Marius A. Markevicius	8.4		Above 90th Percentile				
14	Gore Verbinski	7.3	Lee Unkrich	8.3		Above 90th Percentile				
15	Gore Verbinski	6.5	Fritz Lang	8.3		Above 90th Percentile				
16	Zack Snyder	7.2	Lenny Abrahamson	8.3		Above 90th Percentile				
17	Andrew Adamson	6.6	Billy Wilder	8.3		Above 90th Percentile				
18	Joss Whedon	8.1	Pete Docter	8.233333333		Above 90th Percentile				
19	Rob Marshall	6.7	Hayao Miyazaki	8.225		Above 90th Percentile				
20	Barry Sonnenfeld	6.8	Quentin Tarantino	8.2		Above 90th Percentile				
21	Peter Jackson	7.5	George Roy Hill	8.2		Above 90th Percentile				
22	Marc Webb	7	Juan José Campanella	8.2		Above 90th Percentile				
23	Ridley Scott	6.7	Joshua Oppenheimer	8.2		Above 90th Percentile				
24	Peter Jackson	7.9	Elia Kazan	8.2		Above 90th Percentile				
25	Chris Weitz	6.1	Victor Fleming	8.15		Above 90th Percentile				
26	Peter Jackson	7.2	Milos Forman	8.133333333		Above 90th Percentile				
27	James Cameron	7.7	Tim Miller	8.1		Above 90th Percentile				
28	Anthony Russo	8.2	Terry George	8.1		Above 90th Percentile				
29	Peter Berg	5.9	Je-kyu Kang	8.1		Above 90th Percentile				
30	Colin Trevorrow	7	Akira Kurosawa	8.1		Above 90th Percentile				
31	Sam Mendes	7.8	William Wyler	8.1		Above 90th Percentile				
32	Sam Raimi	7.3	David Singleton	8.1		Above 90th Percentile				

Category	Count	Avg	Median	
Above 90th Percentile	160	6.8725		6.5
Below 90th Percentile	1587	6.40063012		6.4

Count	Avg	Median
10	6.8725	6.5
10	6.40063012	6.4

Above 90th Percentile

Below 90th Percentile

...	Horror	Music	Mystery	Romance	Sci-fi	Sport	Thriller	War	Western	Movie duration Analysis	Language Analysis	Director Analysis	Budget Analysis	Sheet1	+
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### Budget Analysis:

	A	B	C	D	E	F	G	H	I			
1	gross	budget	Profit		CORRELATION							
2	760505847	237000000	523505847		0.100850218	weak positive relationship						
3	652177271	150000000	502177271									
4	658672302	200000000	458672302									
5	460935665	11000000	449935665		Highest Profit Margin	Movie - Country	title-year	imdb score	director			
6	434949459	10500000	424449459		523505847	Avatar - USA	2009	7.9	James Cameron			
7	623279547	220000000	403279547									
8	422783777	45000000	377783777									
9	474544677	115000000	359544677									
10	533316061	185000000	348316061									
11	407999255	78000000	329999255									
12	363024263	58000000	305024263									
13	424645577	130000000	294645577									
14	356784000	63000000	293784000									
15	368049635	76000000	292049635									
16	350123553	58800000	291323553									
17	380838870	94000000	286838870									
18	436471036	150000000	286471036									
19	377019252	94000000	283019252									
20	309125409	32500000	276625409									
21	329691196	55000000	274691196									
22	290158751	18000000	272158751									
23	285761243	18000000	267761243									
24	380262555	113000000	267262555									
25	403706375	139000000	264706375									
26	336029560	74000000	262029560									
27	293501675	40000000	253501675									
28	260000000	8000000	252000000									
29	400736600	150000000	250736600									
	< > ...	Horror	Music	Mystery	Romance	Sci-fi	Sport	Thriller	War	Western	Movie duration Analysis	Language Analysis