

IMDB Movie Analysis Report

PRIMARY GOALS

Data Cleaning

Highest Profits Movies

Top English and Non-English Movies

Best Directors

Most Popular Genre

Actor's movies

➤ Tech Stack Used

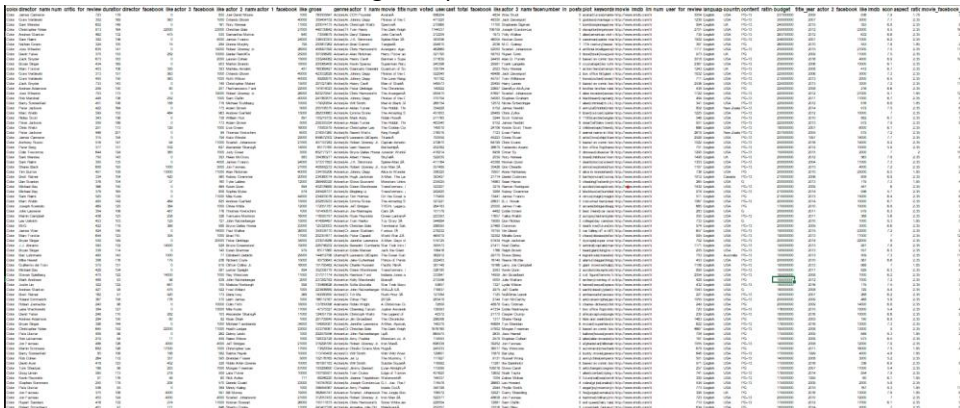
Excel 2022, Power BI

➤ Data Cleaning

1. Load the Data set
2. Do conditional formatting and check for blank rows and columns and cells



3. Now Go to Find and Select > Click go to Special > select Blank And click on remove



4. Now to recheck got to conditional formatting and blank chose color and click on format.
5. If there are any rows with blanks, either remove it for if possible replace it with appropriate entry.

Q1) Find the movies with the highest profit:

Here the top five movies are:

- 1. Avatar by James Cameron
- 2. Jurassic Park by Colin Trevorrow
- 3. Titanic by James Cameron
- 4. Stars Wars by George Lucas
- 5. E.T the Extra Terrestrial by Steven Spielberg

director_name	gross	genres	movie_title	language	country	content_rating	budget	title_year	imdb_score	profit
James Cameron	\$760,505,847.0	Action Adventure Fantasy Sci-Fi	Avatar	English	USA	PG-13	\$ 237,000,000.00	2009	7.9	\$523,505,847.0
Colin Trevorrow	\$652,177,271.0	Action Adventure Sci-Fi Thriller	Jurassic World	English	USA	PG-13	\$ 150,000,000.00	2015	7	\$502,177,271.0
James Cameron	\$658,672,302.0	Drama Romance	Titanic	English	USA	PG-13	\$ 200,000,000.00	1997	7.7	\$458,672,302.0
George Lucas	\$460,935,665.0	Action Adventure Fantasy Sci-Fi	Star Wars: Episode IV - A New Hope	English	USA	PG	\$ 11,000,000.00	1977	8.7	\$449,935,665.0
Steven Spielberg	\$434,949,459.0	Family Sci-Fi	E.T. the Extra-Terrestrial	English	USA	PG	\$ 10,500,000.00	1982	7.9	\$424,449,459.0

Q2) Top 250 English Movies Table:

Top 10 English Movies:

- Avatar
- Pirates of the Caribbean: At World's End
- Spectre
- The Dark Knight Rises
- John Carter
- Spider-Man 3
- Tangled
- Avengers: Age of Ultron
- Harry Potter and the Half-Blood Prince
- Batman v Superman: Dawn of Justice

rank	director_name	gross	movie_title	language	country	title_year	imdb_score	profit
1	Frank Darabont	\$28,341,469.0	The Shawshank Redemption	English	USA	1994	9.3	\$3,341,469.0
2	Francis Ford Coppola	\$134,821,952.0	The Godfather	English	USA	1972	9.2	\$128,821,952.0
3	Christopher Nolan	\$533,316,061.0	The Dark Knight	English	USA	2008	9	\$348,316,061.0
4	Francis Ford Coppola	\$57,300,000.0	The Godfather: Part II	English	USA	1974	9	\$44,300,000.0
5	Peter Jackson	\$377,019,252.0	The Lord of the Rings: The Return of the King	English	USA	2003	8.9	\$283,019,252.0
6	Quentin Tarantino	\$107,930,000.0	Pulp Fiction	English	USA	1994	8.9	\$99,930,000.0
7	Steven Spielberg	\$96,067,179.0	Schindler's List	English	USA	1993	8.9	\$74,067,179.0
8	Sergio Leone	\$6,100,000.0	The Good, the Bad and the Ugly	Italian	Italy	1966	8.9	\$4,900,000.0
9	Robert Zemeckis	\$329,691,196.0	Forrest Gump	English	USA	1994	8.8	\$274,691,196.0
10	Irvin Kershner	\$290,158,751.0	Star Wars: Episode V - The Empire Strikes Back	English	USA	1980	8.8	\$272,158,751.0
11	Peter Jackson	\$313,837,577.0	The Lord of the Rings: The Fellowship of the Ring	English	New Zealand	2001	8.8	\$220,837,577.0
12	Christopher Nolan	\$292,568,851.0	Inception	English	USA	2010	8.8	\$132,568,851.0
13	David Fincher	\$37,023,395.0	Fight Club	English	USA	1999	8.8	-\$25,976,605.0
14	George Lucas	\$460,935,665.0	Star Wars: Episode IV - A New Hope	English	USA	1977	8.7	\$449,935,665.0
15	Peter Jackson	\$340,478,898.0	The Lord of the Rings: The Two Towers	English	USA	2002	8.7	\$246,478,898.0

FULL TABLE

Q3) Top Non-English Movies:

Top 5 Non English Directors:

- 1. The Good, the Bad, The Ugly
- 2. City of God
- 3. Seven Samurai
- 4. Spirited Away
- 5. The Lives of Others

director_name	movie_title	language	country	imdb_score	profit	rank
Sergio Leone	The Good, the Bad and the Ugly	Italian	Italy	8.9	\$4,900,000.0	8
Fernando Meirelles	City of God	Portuguese	Brazil	8.7	\$4,263,397.0	19
Akira Kurosawa	Seven Samurai	Japanese	Japan	8.7	-\$1,730,939.0	20
Hayao Miyazaki	Spirited Away	Japanese	Japan	8.6	-\$8,950,114.0	28
Florian Henckel von Donnersmarck	The Lives of Others	German	Germany	8.5	\$9,284,657.0	44
Majid Majidi	Children of Heaven	Persian	Iran	8.5	\$745,402.0	45
Asghar Farhadi	A Separation	Persian	Iran	8.4	\$6,598,492.0	51
Chan-wook Park	Oldboy	Korean	South Korea	8.4	-\$818,710.0	54
Wolfgang Petersen	Das Boot	German	West Germany	8.4	-\$2,566,866.0	56
Jean-Pierre Jeunet	Amélie	French	France	8.4	-\$43,798,339.0	59
Hayao Miyazaki	Princess Mononoke	Japanese	Japan	8.4	-\$2,397,701,809.0	60
Thomas Vinterberg	The Hunt	Danish	Denmark	8.3	-\$3,189,032.0	80
Fritz Lang	Metropolis	German	Germany	8.3	-\$5,973,565.0	81
Oliver Hirschbiegel	Downfall	German	Germany	8.3	-\$7,998,060.0	82
Guillermo del Toro	Pan's Labyrinth	Spanish	Spain	8.2	\$24,123,143.0	92
Juan José Campanella	The Secret in Their Eyes	Spanish	Argentina	8.2	\$18,167,424.0	93
Denis Villeneuve	Incendies	French	Canada	8.2	\$57,096.0	101
Hayao Miyazaki	Howl's Moving Castle	Japanese	Japan	8.2	-\$19,289,545.0	106
Alejandro G. Iñárritu	Amores Perros	Spanish	Mexico	8.1	\$3,383,834.0	143
Thomas Vinterberg	The Celebration	Danish	Denmark	8.1	\$347,780.0	145
José Padilha	Elite Squad	Portuguese	Brazil	8.1	-\$3,991,940.0	147
Alejandro Amenábar	The Sea Inside	Spanish	Spain	8.1	-\$7,913,655.0	148
Je-kyu Kang	Tae Guk Gi: The Brotherhood of War	Korean	South Korea	8.1	-\$11,689,814.0	150
Katsuhiro Ōtomo	Akira	Japanese	Japan	8.1	-\$1,099,560,838.0	151
Sergio Leone	A Fistful of Dollars	Italian	Italy	8	\$3,300,000.0	186
Walter Salles	Central Station	Portuguese	Brazil	8	\$2,695,428.0	188

FULL TABLE

Q4) Top Movie Directors:

Row Labels	Average of imdb_score
Akira Kurosawa	8.70
Charles Chaplin	8.60
Tony Kaye	8.60
Alfred Hitchcock	8.50
Damien Chazelle	8.50
Majid Majidi	8.50
Ron Fricke	8.50
Sergio Leone	8.43
Christopher Nolan	8.43
Asghar Farhadi	8.40

Q5) Top Genre

- Comedy|Drama|Romance
- Drama
- Comedy
- Comedy|Drama
- Comedy|Romance

Row Labels	Count of genres
Comedy Drama Romance	150
Drama	148
Comedy	143
Comedy Drama	142
Comedy Romance	136
Drama Romance	118
Crime Drama Thriller	81
Action Crime Thriller	55
Action Crime Drama Thriller	50
Action Adventure Sci-Fi	46
Comedy Crime	45
Action Adventure Thriller	45
Horror	43
Drama Thriller	42
Crime Drama	41
Crime Drama Mystery Thriller	41
Horror Thriller	34
Action Adventure Sci-Fi Thriller	34
Horror Mystery Thriller	31
Drama Mystery Thriller	30
Biography Drama	30
Adventure Animation Comedy Family Fantasy	27
Action Comedy Crime	27
Horror Mystery	25

Q6) Merely Streep Movies

actor_1_name	movie_title	director_name	Sum of imdb_score
Meryl Streep	A Prairie Home Companion	Robert Altman	6.80
Meryl Streep	Hope Springs	David Frankel	6.30
Meryl Streep	It's Complicated	Nancy Meyers	6.60
Meryl Streep	Julie & Julia	Nora Ephron	7.00
Meryl Streep	Lions for Lambs	Robert Redford	6.20
Meryl Streep	One True Thing	Carl Franklin	7.00
Meryl Streep	Out of Africa	Sydney Pollack	7.20
Meryl Streep	The Devil Wears Prada	David Frankel	6.80
Meryl Streep	The Hours	Stephen Daldry	7.60
Meryl Streep	The Iron Lady	Phyllida Lloyd	6.40
Meryl Streep	The River Wild	Curtis Hanson	6.30

Q7) Leonardo DiCaprio Movies:

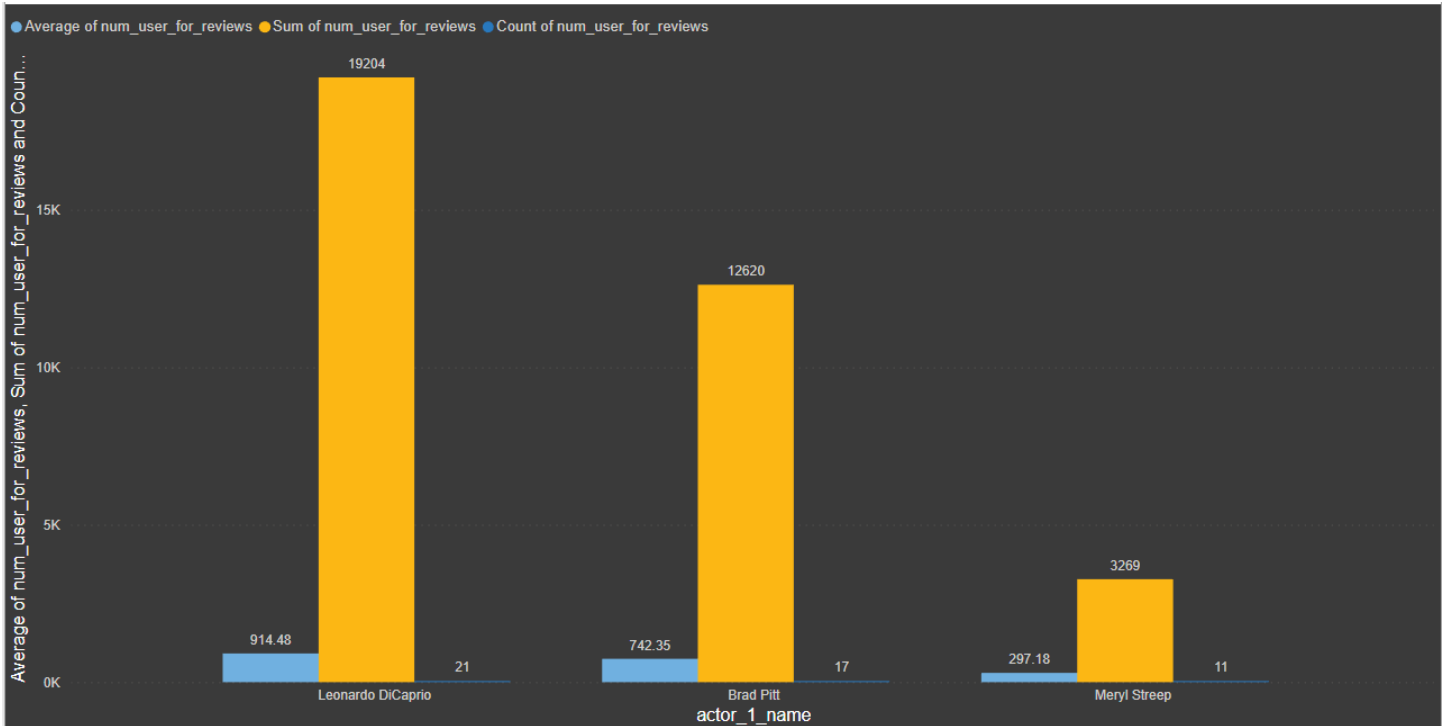
actor_1_name	movie_title	director_name	Sum of imdb_score
Leonardo DiCaprio	Blood Diamond	Edward Zwick	8.00
Leonardo DiCaprio	Body of Lies	Ridley Scott	7.10
Leonardo DiCaprio	Catch Me If You Can	Steven Spielberg	8.00
Leonardo DiCaprio	Django Unchained	Quentin Tarantino	8.50
Leonardo DiCaprio	Gangs of New York	Martin Scorsese	7.50
Leonardo DiCaprio	Inception	Christopher Nolan	8.80
Leonardo DiCaprio	J. Edgar	Clint Eastwood	6.60
Leonardo DiCaprio	Marvin's Room	Jerry Zaks	6.70
Leonardo DiCaprio	Revolutionary Road	Sam Mendes	7.30
Leonardo DiCaprio	Romeo + Juliet	Baz Luhrmann	6.80
Leonardo DiCaprio	Shutter Island	Martin Scorsese	8.10
Leonardo DiCaprio	The Aviator	Martin Scorsese	7.50
Leonardo DiCaprio	The Beach	Danny Boyle	6.60
Leonardo DiCaprio	The Departed	Martin Scorsese	8.50
Leonardo DiCaprio	The Great Gatsby	Baz Luhrmann	14.60
Leonardo DiCaprio	The Man in the Iron Mask	Randall Wallace	6.40
Leonardo DiCaprio	The Quick and the Dead	Sam Raimi	6.40
Leonardo DiCaprio	The Revenant	Alejandro G. Iñárritu	8.10
Leonardo DiCaprio	The Wolf of Wall Street	Martin Scorsese	8.20
Leonardo DiCaprio	Titanic	James Cameron	7.70

Q8) Brad Pitt Movies:

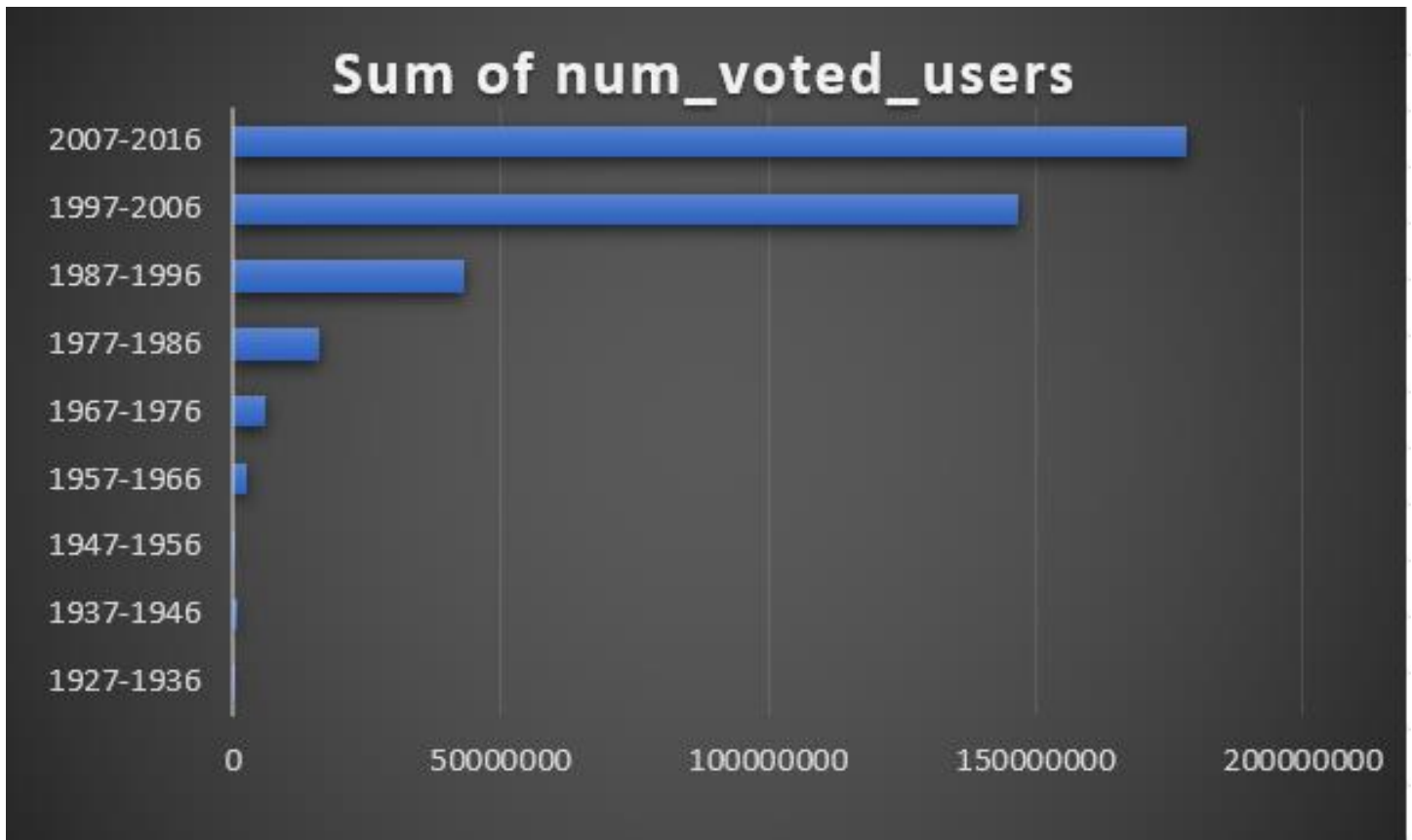
actor_1_name	movie_title	director_name	Sum of imdb_score
Brad Pitt	Babel	Alejandro G. Iñárritu	7.50
Brad Pitt	By the Sea	Angelina Jolie Pitt	5.30
Brad Pitt	Fight Club	David Fincher	8.80
Brad Pitt	Fury	David Ayer	7.60
Brad Pitt	Interview with the Vampire: The Vampire Chronicles	Neil Jordan	7.60
Brad Pitt	Killing Them Softly	Andrew Dominik	6.20
Brad Pitt	Mr. & Mrs. Smith	Doug Liman	6.50
Brad Pitt	Ocean's Eleven	Steven Soderbergh	7.80
Brad Pitt	Ocean's Twelve	Steven Soderbergh	6.40
Brad Pitt	Seven Years in Tibet	Jean-Jacques Annaud	7.00
Brad Pitt	Sinbad: Legend of the Seven Seas	Patrick Gilmore	6.70
Brad Pitt	Spy Game	Tony Scott	7.00
Brad Pitt	The Assassination of Jesse James by the Coward Robert Ford	Andrew Dominik	7.50
Brad Pitt	The Curious Case of Benjamin Button	David Fincher	7.80
Brad Pitt	The Tree of Life	Terrence Malick	6.70
Brad Pitt	Troy	Wolfgang Petersen	7.20
Brad Pitt	True Romance	Tony Scott	8.00

Q9) Highest Mean Number of critics among above 3

Through this we can conclude that Leonardo DiCaprio is the most accepted Actor in the eyes of the people.



Q10) Change in the Number of voters over decades.



Sum of Number of voters over decades:

Here you can that number of voters have increased substantially over the years from 1990 to 2014, and have started decreasing probably due to the rise of OTT platforms

