**Summary**

1. Total Number of tables in ‘**IMDB**’ Dataset

* **director\_mapping**
* **genre**
* **movie**
* **names**
* **ratings**
* **role\_mapping**

1. Total number of rows in each table

|  |  |
| --- | --- |
| **Tables** | **Rows Count** |
| Director\_mapping | 3867 |
| Genre | 14662 |
| Movie | 6918 |
| Names | 24311 |
| Ratings | 7927 |
| Role\_maping | 15682 |

1. Null Value in movie table columns

|  |  |
| --- | --- |
| **Columns** | **Null Count** |
| Id | 0 |
| Title | 0 |
| Year | 0 |
| Date Published | 0 |
| Duration | 0 |
| Country | 20 |
| Worldwide gross income | 3724 |
| Languages | 194 |
| Production Company | 528 |

1. More movies were released in 2017 between 2017-2019

|  |  |
| --- | --- |
| Year | Number of Movies |
| 2017 | 3052 |
| 2018 | 2944 |
| 2019 | 2001 |

1. In the month of march more numbers of movies were released.

|  |  |
| --- | --- |
| **MONTH** | **Movies Released** |
| January | 804 |
| February | 640 |
| March | 824 |
| April | 680 |
| May | 625 |
| June | 580 |
| July | 493 |
| August | 678 |
| September | 809 |
| October | 801 |
| November | 625 |
| December | 438 |

1. 592 movies were released in USA which is more than India which released 295 movies. Both USA and India produced more than a thousand movies (you know the exact number!) in the year 2019.
2. Types of genres

* Drama
* Fantasy
* Thriller
* Comedy
* Horror
* Family
* Romance
* Adventure
* Action
* Sci-Fi
* Crime
* Mystery
* Others

So, RSVP Movies plans to make a movie of one of these genres.

1. More movies are of genre ‘DRAMA’ in year 2019 i.e 1078.
2. There are more than three thousand movies which has only one genre associated with them.

**10.** Average Movie duration according to their genre is:

|  |  |
| --- | --- |
| Drama | 106.7746 |
| Fantasy | 105.1404 |
| Thriller | 101.5761 |
| Comedy | 102.6227 |
| Horror | 92.7243 |
| Family | 100.9669 |
| Romance | 109.5342 |
| Adventure | 101.8714 |
| Action | 112.8829 |
| Sci-Fi | 97.9413 |
| Crime | 107.0517 |
| Mystery | 101.8000 |
| Others | 100.1600 |

|  |
| --- |
|  |

11. Thriller movies is in top 3 among all genres in terms of number of

movies.

12. Movie ‘Kirket’ & ‘Love in Kilnerry’ has highest average rating

among all movies.

|  |  |  |
| --- | --- | --- |
| 1 | Kirket | 10.0 |
| 2 | Love in Kilnerry | 10.0 |
| 3 | Gini Helida Kathe | 9.8 |
| 4 | Runam | 9.7 |
| 5 | Android Kunjappan Version 5.25 | 9.6 |
| 6 | Fan | 9.6 |
| 7 | Safe | 9.5 |
| 8 | The Brighton Miracle | 9.5 |
| 9 | Yeh Suhaagraat Impossible | 9.5 |
| 10 | Ananthu V/S Nusrath | 9.4 |

13. Dream Warrior Pictures or National Theatre Live has produced 3

hit movies that is most among all.

14. Movies released in each genre during March 2017 in the USA

had more than 1,000 votes

|  |  |
| --- | --- |
| Drama | 16 |
| Comedy | 8 |
| Crime | 5 |
| Horror | 5 |
| Action | 4 |
| Sci-Fi | 4 |
| Thriller | 4 |
| Romance | 3 |
| Fantasy | 2 |
| Mystery | 2 |
| Family | 1 |
|  |  |

15. Movies of each genre that start with the word ‘The’ and which

have an average rating greater than 8.

|  |  |
| --- | --- |
| Drama | The Blue Elephant 2 |
| Horror | The Blue Elephant 2 |
| Mystery | The Blue Elephant 2 |
| Drama | The Brighton Miracle |
| Crime | The Irishman |
| Drama | The Irishman |
| Drama | The Colour of Darkness |
| Action | Theeran Adhigaaram Ondru |
| Crime | Theeran Adhigaaram Ondru |
| Thriller | Theeran Adhigaaram Ondru |
| Drama | The Mystery of Godliness: The Sequel |
| Crime | The Gambinos |
| Drama | The Gambinos |
| Drama | The King and I |
| Romance | The King and I |

16. **361** Movies released between 1 April 2018 and 1 April 2019, how

many were given a median rating of 8.

17. The ratings table based on the movie counts by median ratings.

|  |  |
| --- | --- |
| 1 | 94 |
| 2 | 119 |
| 3 | 283 |
| 4 | 479 |
| 5 | 985 |
| 6 | 1975 |
| 7 | 2257 |
| 8 | 1030 |
| 9 | 429 |
| 10 | 346 |

Movies with a median rating of 7 is highest in number.

18. Italian movies get more votes than German movies.

19. Columns in the names table have null values.

Name 0

Height 17335

Date\_of\_birth 13431

Known\_for\_movies 15226

20. The top three directors in the top three genres whose movies

have an average rating greater than 8.

James Mangold can be hired as the director for RSVP's next project.

21. The top two actors whose movies have a median rating greater than

equal to 8.

|  |  |
| --- | --- |
| Mammootty | 8 movies. |
| Mohanlal | 5 movies. |

22. The top three production houses based on the number of votes

received by their movies.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | 1 | Marvel Studios | 2656967 | | 2 | Twentieth Century Fox | 2411163 | | 3 | Warner Bros. | 2396057 | |  |  |
|  |  |  |
|  |  |  |

**Marvel Studios rules the movie world.**

23. Top actor is Vijay Sethupathi based on average ratings.

24. Taapsee Pannu tops the actress list with average rating 7.74.

25. Top 5 movies of each year with top 3 genres.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Drama | 2017 | Shatamanam Bhavati | INR 530500000 | 1 |
| Drama | 2017 | Winner | INR 250000000 | 2 |
| Drama | 2017 | Thank You for Your Service | $ 9995692 | 3 |
| Comedy | 2017 | The Healer | $ 9979800 | 4 |
| Drama | 2017 | The Healer | $ 9979800 | 4 |
| Thriller | 2017 | Gi-eok-ui bam | $ 9968972 | 5 |
| Thriller | 2018 | The Villain | INR 1300000000 | 1 |
| Drama | 2018 | Antony & Cleopatra | $ 998079 | 2 |
| Comedy | 2018 | La fuitina sbagliata | $ 992070 | 3 |
| Drama | 2018 | Zaba | $ 991 | 4 |
| Comedy | 2018 | Gung-hab | $ 9899017 | 5 |
| Thriller | 2019 | Prescience | $ 9956 | 1 |
| Thriller | 2019 | Joker | $ 995064593 | 2 |
| Drama | 2019 | Joker | $ 995064593 | 2 |
| Comedy | 2019 | Eaten by Lions | $ 99276 | 3 |
| Comedy | 2019 | Friend Zone | $ 9894885 | 4 |
| Drama | 2019 | Nur eine Frau | $ 9884 | 5 |

26. The top two production houses that have produced the highest

number of hits among multilingual movies.

|  |  |  |
| --- | --- | --- |
| Star Cinema | 7 |  |
| Twentieth Century Fox | 4 |  |

27. The top 3 actresses based on number of Super Hit movies in drama

Genre based on total votes, movies count, average rating.

|  |  |  |  |
| --- | --- | --- | --- |
| Sangeetha Bhat | 1010 | 1 | 9.6 |
| Fatmire Sahiti | 3932 | 1 | 9.4 |
| Pranati Rai Prakash | 897 | 1 | 9.4 |

28. Details for top 3 directors.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Director\_id** | **Name** | **Movies** | **Inter movies day** | **Average rating** | **Total votes** | **Min**  **ratings** | **Max**  **rating** | **Total**  **duration** | **Rank** |
| nm2096009 | Andrew Jones | 5 | 191 | 3.02 | 1989 | 2.7 | 3.2 | 432 | 1 |
| nm1777967 | A.L. Vijay | 5 | 117 | 5.42 | 1754 | 3.7 | 6.9 | 613 | 2 |
| nm6356309 | Özgür Bakar | 4 | 112 | 3.75 | 1092 | 3.1 | 4.9 | 374 | 3 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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