

EXECUTIVE SUMMARY AND RECOMMENDATIONS

1. Most movies are released in the year 2017, and decrease eventually. Maximum movies are released in *March* and Minimum in *December*.

	Year	number_of_movies
▶	2017	3052
	2018	2944
	2019	2001

	month_num	num_of_movies
▶	3	824
	9	809
	1	804
	10	801
	4	680
	8	678

2. Drama movies comes out to be the most produced movies with average duration of ~107 minutes. RSVP can consider *Parvathy Thiruvothu* as she are the best actress in drama.

	genre	movie_count
▶	Drama	4285

	actress_name	total_votes	movie_count	actress_avg_rating	actress_rank
▶	Parvathy Thiruvothu	4974	2	8.25	1
	Susan Brown	656	2	8.94	2
	Amanda Lawrence	656	2	8.94	3

3. Top movies based on average rating are *Love in Kilnerry* and *Kirket* with an average rating of 10.

	title	avg_rating	movie_rank
▶	Kirket	10.0	1
	Love in Kilnerry	10.0	1

4. RSVP can consider these production houses for their next project:
 - a.) Maximum movies produced: *Dream Warrior Pictures* and *National Theatre Live*
 - b.) Maximum votes: *Marvel Studios*
 - c.) Maximum hit movies (multilingual): *Star Cinema*

	production_company	movie_count	prod_company_rank
▶	Dream Warrior Pictures	3	1
	National Theatre Live	3	1

	production_company	vote_count	prod_comp_rank
▶	Marvel Studios	2656967	1
	Twentieth Century Fox	2411163	2

	production_company	movie_count	prod_comp_rank
▶	Star Cinema	7	1
	Twentieth Century Fox	4	2

5. 1059 movies were produced in USA or India in the year 2019.

	movies_of_USA_India_2019
▶	1059

6. If RSVP movies is thinking of releasing their next picture in German or Italian language, it should go for *German* as per the number of votes.

	german_movie_votes	italian_movie_votes
▶	4421525	2559540

7. *RSVP* can consider these directors for their next project based on:

- Average rating: *James Mangold*
- How frequent the movies get released, total votes, average ratings: *Andrew Jones* or *A.L. Vijay*

	director_name	movie_count
▶	James Mangold	4
	Anthony Russo	3
	Soubin Shahir	3

	director_id	director_name	number_of_movies	avg_inter_movie_days	avg_rating	total_votes	min_rating	max_rating	total_duration
▶	nm2096009	Andrew Jones	5	190.75	3.02	1989	2.7	3.2	432
	nm1777967	A.L. Vijay	5	176.75	5.42	1754	3.7	6.9	613

8. *RSVP* can think of having their next movie with *Mammootty* based on his median rating.

	actor_name	movie_count
▶	Mammootty	8
	Mohanlal	5

9. Amongst the Indian artists *Tapsee Pannu* and *Vijay Sethupathi* stands on the top individually with highest average rating.

	actor_name	vote_count	movie_count	actor_avg_rating	actor_rank
▶	Vijay Sethupathi	23114	5	8.42	1
	Fahadh Faasil	13557	5	7.99	2
	Yogi Babu	8500	11	7.83	3

	actress_name	vote_count	movie_count	actress_avg_rating	actress_rank
▶	Taapsee Pannu	18061	3	7.74	1
	Kriti Sanon	21967	3	7.05	2

10. Movies having the highest worldwide gross income are from the *Thriller*(2017,2018) and *Drama*(2019) genre which means that RSVP can plan to make their next movies in these genres to make good business.

	genre	year	movie_name	worldwide_gross_income	movie_rank
►	Thriller	2017	The Fate of the Furious	1236005118	1
	Comedy	2017	Despicable Me 3	1034799409	2
	Comedy	2017	Jumanji: Welcome to the Jungle	962102237	3

	genre	year	movie_name	worldwide_gross_income	movie_rank
	Thriller	2018	The Villain	1300000000	1
	Drama	2018	Bohemian Rhapsody	903655259	2
	Thriller	2018	Venom	856085151	3

	genre	year	movie_name	worldwide_gross_income	movie_rank
	Drama	2019	Avengers: Endgame	2797800564	1
	Drama	2019	The Lion King	1655156910	2
	Comedy	2019	Toy Story 4	1073168585	3