COMPARISON AND ANALYSIS BETWEEN MOVIE GENRES

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ABSTRACT:

This paper is to to compare the two genre type's of movie to identify and also to improvise the production of the film. Genre films are films that adhere to a specific set of rules in order to successfully represent a particular genre. These rules—formally known as film conventions—are patterns shared among each film within its genre. Through the production of two short films, I will be exploring the ways in which directors manipulate cameras, lights, dialogue, etc, in order to create films that belong to the horror and romantic comedy genres. A comparison and contrast between the two films' genres will also be included for heightened understanding of the differences between the conventions that each film employs.

Key words: Logistic regression, Polynomial regression, Accuracy value for logistic regression.

I. INTRODUCTION

This paper is the analysis process on the success /failure of the film based on various topics that includes Genre, audience's reviews, cast, location, budget etc.,. Film analysis involves analyzing film elements, the storyline and theme in order to develop a conclusion of the success of the movie. Film review should be detailed enough to provide assistance in making an honest decision i.e. whether the reader wants to see it or if they'd like it. Why is this type of paper a common school assignment? Lecturers want to get more insight into a student's critical thinking skills and the ability to report event (one or more of them) in a manner that others understand easily. Also, these steps helps the production unit of the film to improvise their techniques to get a desired outcome from the audience. While genre films are static and share the same basic surface tropes, what set films in the same genre apart from each other are the films' various depths.

OBJECTIVE:

To compare the two genre type's of movie to identify and also to improvise the production of the film. Here we compare the love type and horror type of movie genres. Also, this could not give the exact result but it can approximately show the audience's preferences on the movies.

II. RELATED WORKS

Most movie recommendation systems have been developed for customers to find items of interest. This work introduces a predictive model usable by small and medium-sized enterprises (SMEs) who are in need of a data-based and analytical approach to stock proper movies for local audiences and retain more customers[1].

We used classification models to extract features from thousands of customers' demographic, behavioral and social information to predict their movie genre preference. In the implementation, a Gaussian kernel support vector machine (SVM) classification model and a logistic regression model were established to extract features from sample data and their test error-in-sample were compared[2].

Comparison of error-out-sample was also made under different Vapnik–Chervonenkis (VC) dimensions in the machine learning algorithm to find and prevent overfitting. Gaussian kernel SVM prediction model can correctly predict movie genre preferences in 85% of positive cases[3].

The accuracy of the algorithm increased to 93% with a smaller VC dimension and less overfitting. These findings advance our understanding of how to use machine learning approach to predict customers' preferences with a small data set and design prediction tools for these enterprises[4].

Recommendation systems based on collaborative filtering techniques are able to provide approximately accurate prediction when there is enough data.[5]While genre films are static and share the same basic surface tropes, what set films in the

same genre apart from each other are the films' various depths[6].

The classic horror 1films Dracula (1931) and A Nightmare on Elm Street (1984) both deal with a monster's

unbridled eroticism, though the monsters and the settings and their stories are drastically

different from one another[7].These conventions are successful because the spectator can easily mimic the sensations being portrayed on screen[8].In other words, those who like horror and romantic comedy films like them because 3

they can physically engage in the "ecstatic violence" of horror films and the "ecstatic woe" of romantic comedies[9].In his work "An Introduction to Studying Popular Culture" Dominic Strinati created the following definition that

characterizes horror "as a genre that represents the need for suppression if the horror shown is interpreted as

expressing uncomfortable and disturbing desires which need to be contained[10].

III. METHODOLOGY

PROCESS

This Above tables represents the film telecasting on basis of some attributes like No of votes, Title , genre and etc..,. Using jupyter. we can analyse the data that we have inserted in the project It helps to decide the success/ failure of the film. Here this above two represents the same as given in first tables. Through performing jupyter in python we can understand the necessary information that are needed by both the audience side and also from the production side of the film.

Here, we are going to compare two different datasets (old and new) under one program algorithm. Firstly, we are going to print the love genre movies and it's types.
Nextly, we should print the horror movie datasets that we have taken to compare.
Then, to fetch the result we use" Result compare "- and through its help we can find and check out the results.

The overall process that has been done is to decide the attractive genre among Horror and love type of films. And the tables Also been prepared to compare that two genres with the audience's tastes and references. But through this process, the exact results cannot be found, but at least the production and that side members of the film can get some idea to conclude that which genre can attract the commercial audiences.

WORK FLOW:

IV. RESULT

Fig: 4.1
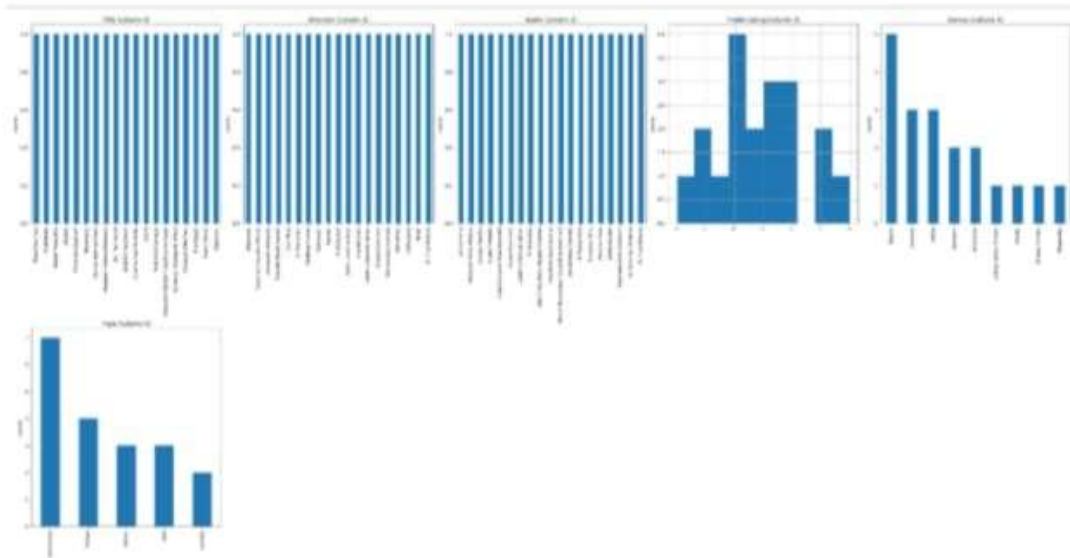
```
In [282]: #---Find result of Old Movies and New Movie dAtaset  comparison based on type Horror
          print('Results of Combing the Old movie and New Movie Based on the Type comparison on type Horror')
          print('New  Movies of Type :Horror Ratings can be agreed on below danalysis')
          resultcomp= res5[(data1_res.Type =='Horror') & (data2_res.Type =='Horror') ]
          resultcomp

          Results of Combing the Old movie and New Movie Based on the Type comparison on type Horror
          New  Movies of Type :Love Ratings can be agreed on below danalysis
```

Out[282]:

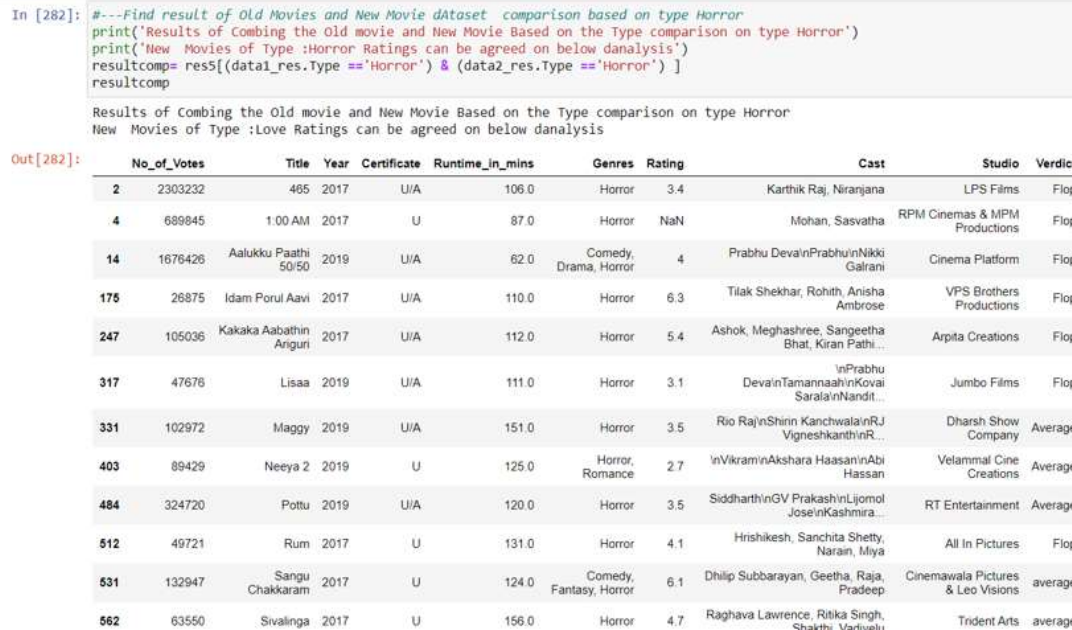|	No_of_Votes	Title	Year	Certificate	Runtime_in_mins	Genres	Rating	Cast	Studio	Verdict
2	2303232	465	2017	U/A	106.0	Horror	3.4	Karthik Raj, Niranjana	LPS Films	Flop
4	689845	1:00 AM	2017	U	87.0	Horror	NaN	Mohan, Sasvatha	RPM Cinemas & MPM Productions	Flop
14	1676426	Aalukku Paathi 50/50	2019	U/A	62.0	Comedy, Drama, Horror	4	Prabhu Deva\nPrabhu\nNikki Galrani	Cinema Platform	Flop
175	26875	Idam Porul Aavi	2017	U/A	110.0	Horror	6.3	Tilak Shekhar, Rohith, Anisha Ambrose	VPS Brothers Productions	Flop
247	105036	Kakaka Aabathin Ariguri	2017	U/A	112.0	Horror	5.4	Ashok, Meghashree, Sangeetha Bhat, Kiran Pathi...	Arpita Creations	Flop
317	47676	Lisaa	2019	U/A	111.0	Horror	3.1	\nPrabhu Deva\nTamannaah\nKovai Sarala\nNandit...	Jumbo Films	Flop
331	102972	Maggy	2019	U/A	151.0	Horror	3.5	Rio Raj\nShirin Kanchwala\nRJ Vigneshkanth\nR...	Dharsh Show Company	Average
403	89429	Neeya 2	2019	U	125.0	Horror, Romance	2.7	\nVikram\nAkshara Haasan\nAbi Hassan	Velammal Cine Creations	Average
484	324720	Pottu	2019	U/A	120.0	Horror	3.5	Siddharth\nGV Prakash\nLijomol Jose\nKashmira...	RT Entertainment	Average
512	49721	Rum	2017	U	131.0	Horror	4.1	Hrishikesh, Sanchita Shetty, Narain, Miya	All In Pictures	Flop
531	132947	Sangu Chakkaram	2017	U	124.0	Comedy, Fantasy, Horror	6.1	Dhilip Subbarayan, Geetha, Raja, Pradeep	Cinemawala Pictures & Leo Visions	average
562	63550	Sivalinga	2017	U	156.0	Horror	4.7	Raghava Lawrence, Ritika Singh, Shakthi Vadivelu...	Trident Arts	average

Fig:4.2

V. CONCLUSION AND FURTHER WORKS:

The purpose of this project was to demonstrate how specific filmmaking techniques can produce a particular film genre, and, in turn, how those techniques can affect how a viewer will receive the story of the film. For example, a viewer will feel both unnerved and excited upon viewings of horrific moving images due to an intense release of endorphins in the brain—those very same endorphins can also be released upon the viewing of a romantic comedy, where the spectator laughs and empathizes with the main characters' feelings of love. Also, this helps the director of the film and the producer of the film to improvise their techniques to enhance the audience rate for the film.

To conclude this paper, there is a whole comparison between the genres. And it gives the idea to the production side of the film to improvise their skills and techniques to enhance the growth of the film industry. Also, between this comparison, one can get a point that a love type and the horror type movie both can create a good intension and attraction to the audience but in some point, only one genre can be liked by the individual and it depends on him/her. So, It is naturally a common decision to choose wisely by the audience.

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