

PREDICTING MOVIE GENRE USING PLOT SUMMARY

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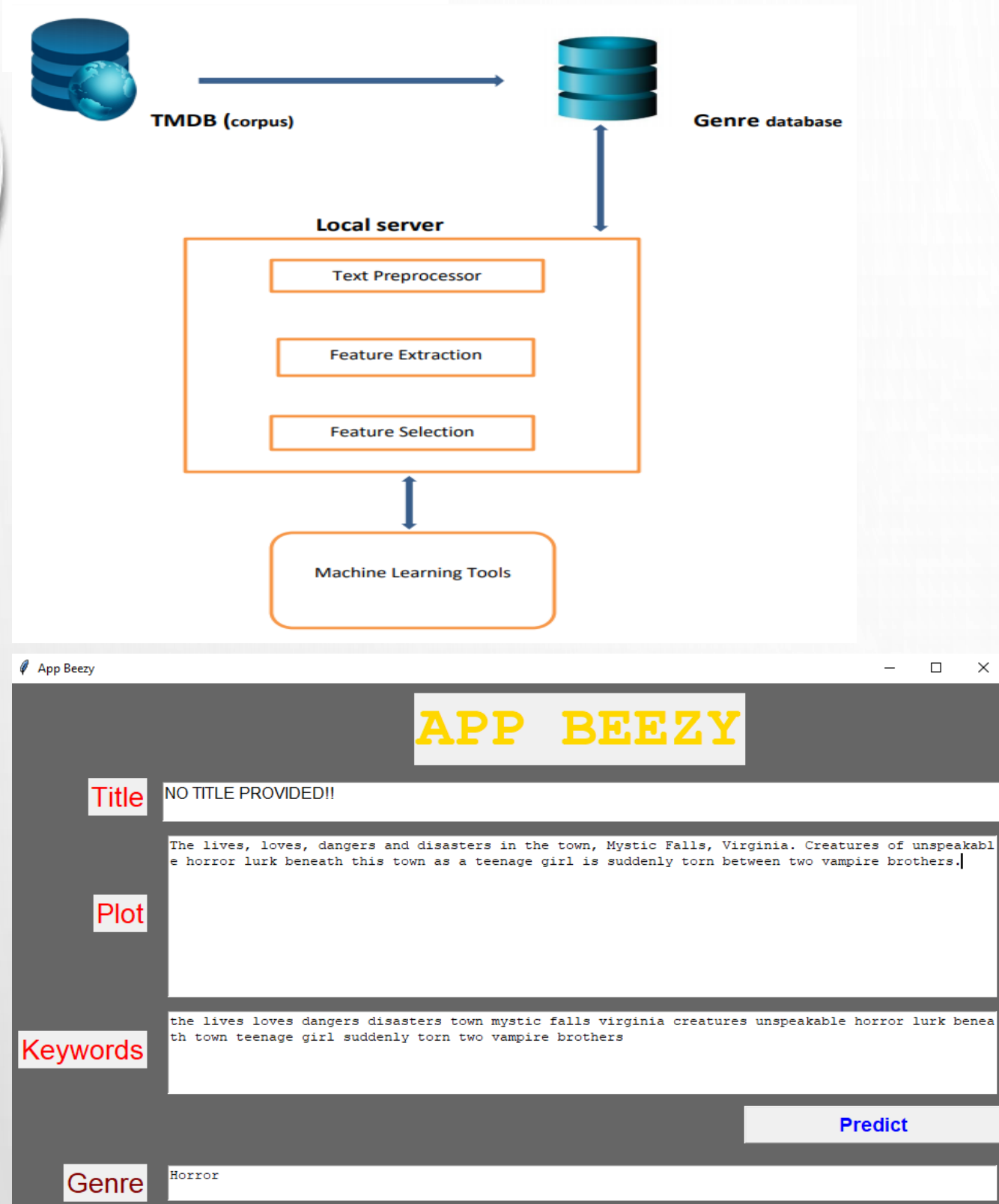
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INTRODUCTION

- In a world where everything is being digitalized and the Internet of Things is taking inroads to our day to day activities, it would be nice to have the entertainment industry to follow suit as well
- Since movies are all over the internet and they are attracting a large portion of the population, it is with great importance that the information found about a movie which is mostly the plot summaries can be used to predict the genre of a movie.

METHOD

- Get data sets from the movie_genre database
- Split the data using k-fold cross validation
- Apply machine learning algorithms to the data
- Get fscore and predict the movie genre

CONCLUSION

- The system will be a stepping stone to the movie fans in a way that they will safely choose a genre knowing very well that it matches the scripts of the movie.
- The accuracy of the model depends on the quantity of your training dataset the more data you have the more accurate will be your prediction.
- This all is achieved by text classification and machine learning techniques.

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