

Predicting IMDb Rating of Movies by Machine Learning Techniques

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Abstract: *Film Industry is not only a industry or a centre of entertainment, rather it is now a centre of global business. All over the world is now excited about a movie's box office success, popularity etc. A huge data is available online about these movies success or popularity. We have used Hollywood movie list from Wikipedia and their rating from IMDb movie rating website to create our data set. Then machine learning classification algorithms are applied of the data set. Lastly an efficient model is developed to predict a movie's IMDb rating. The model gives good classification measures with the data set. Index Terms-Movie Rating, Machine Learning, Prediction, Box Office, IMDb.*

Keywords: Movie Rating, Machine Learning, Prediction, Box Office, IMDb

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