

COMPARING ACCURACY OF DEEP LEARNING ALGORITHMS AND WORD EMBEDDING MODELS

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Deep Learning models are predict more successful results. In existing one, the performance evaluation with only small dataset for deep learning models (CNN, RNN, LSTM) with word embedding models is high. But the accuracy decreases when the instance of dataset increases. So, to increase the accuracy of models, the proposed work has done by comparing the performance of movie reviews using various Deep Learning Algorithms and various Word Embedding Model. In addition, the BLSTM layer is modified with BLSTM2 Layer to obtain high accuracy rate. Three different types of word embedding models are Glove, Fast Text and Word2Vec. These models highly are used for word representation. After comparing the results of Word Embedding Model and Deep Learning models, the combination of these two will be produce the good accuracy rate of movie review.