



## Analysis of Online Comments using Machine Learning Algorithms

### Reviewer 1: --

1. In several sections sentences has spelling and grammar mistakes, which needs to be corrected.
2. In several sections sentences has space problem, which needs to be corrected.
3. Proper sentence construction in several sections to be modified.

Actual	Suggested
Given a comment by a user (a group of sentences	Commented by a user (a group of sentences
comments into various toxicity levels which gives	comments into various toxicity levels which give
Sequences of data can be processed by LSTM	The sequences of data can be processed by LSTM
Comments are largely in English except for few	Comments are largely in English except for a few
can be removed before training in order to	can be removed before training to
Log-count ratio is calculated separately for	Log-count ratio is calculated separately for
TF-IDF vectorizer to convert the comment	the TF-IDF vectorizer to convert the comment
The matrix is a dictionary that consists of the	A matrix is a dictionary that consists of the
There are totally 3 fully connected layers in the model	There are 3 fully connected layers in the model
This will help encoder in learning the context	This will help the encoder in learning the context
BERT classifier is observed as the efficient one with least	BERT classifier is observed as the efficient one with the least
less efficient one with Hamming-loss of 2.1407%.	less efficient one with a Hamming-loss of 2.1407%.
BERT as the efficient with least loss of 1.118300	BERT as efficient with the least loss of 1.118300
least efficient one with highest loss of 1.6319	least efficient one with the highest loss of 1.6319
Naive Bayes-SVM model, LSTM and BERT	Naive Bayes-SVM model, LSTM, and BERT
BERT classifier is observed as the efficient	the BERT classifier is observed as the efficient

In future , this work can be extended by dealing

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**Comments to Editor :**

1. After modifying the content, paper can be accepted for possible publication.

**Reviewer 2: --**

1. Paper should be written in JMCMS Journal format.
2. References and in-text citations are not in JMCMS format. More references should be included and sequentially/adequately arranged, as cited in the text.
3. In many places, sentences are started with abbreviations. When it is introduced for the first time, the full form should be given.
4. Authors need to Modify Abstract and conclusion more appropriately.
5. In section three, sentences end with few numbers of the full stop, which needs to be removed.
6. Conflict of interest regarding article should be mention in the text.

**Comments to Editor :**

1. After modifying the content, paper can be accepted for possible publication.

**Reviewer 3: --**

1. Paper should be written in JMCMS Journal format.
2. References and in-text citations are not in JMCMS format. More references should be included and sequentially/adequately arranged, as cited in the text.
3. Authors need to describe the literature survey in introduction section more elaborately
4. The Abstract and conclusion are needed to be Modified in accordance to fulfill the paper aim.
5. Conflict of interest regarding article should be mention in the text.

**Comments to Editor :**

1. After modifying the content, paper can be accepted for possible publication.

Regards  
Editorial Manager

**[Note: This is a computer-generated Report hence, no need of any Signature.]**