Reference Links:

* <http://ceur-ws.org/Vol-2517/T3-21.pdf>
* <http://ceur-ws.org/Vol-2517/T3-18.pdf>
* <http://ceur-ws.org/Vol-2517/T3-12.pdf>
* <https://www.researchgate.net/publication/349915197_NITP-AI-NLPHASOC-FIRE2020_Fine_Tuned_BERT_for_the_Hate_Speech_and_Offensive_Content_Identification_from_Social_Media>
* Other HASOC Papers: <http://ceur-ws.org/Vol-2517/>

Topics:

1. Abstract with keywords -Sudarshan

2. Intro -Sudarshan

3. Related work - Sudarshan

4. Data analysis - Swetha

5. Methodology

5.1. Pre processing steps -Sreedhar

5.2. Feature extraction

5.2.1 TF-IDF -Sharan (Tweets)

5.2.2. BERT Encoding -Swetha

5 3. Classifiers (explanation): task a,b

(Explain hyperparameters, layers)

(Val data results)

5.3.1. ML mtds -Sharan (Graph K-Fold)

5.3.2. LSTM -Sreedhar

5 3.3. BERT -Swetha

5.3.4. Proposed model -Swetha

6. Result -All

7. Conclusion -Sudarshan

8. References -All

Diagrams:

* Data Analysis
* ROC Curve
* Confusion Matrix
* KFold Vs Accuracy
* Neural Network Layers
* Task Vs Model Accuracy bar graph

# Content:

1. Abstract

2. Introduction

3. Related Work

4. Data Analysis

5. Methodology

5.1. Pre - Processing:

5.2. Feature Extraction

5.2.1 TF-IDF

5.2.2. BERT Encoding

5 3. Classifiers :

5.3.1. ML Methods

TASK-A

TASK-B

5.3.2. LSTM

TASK-A

TASK-B

5 3.3. BERT

TASK-A

TASK-B

5.3.4. Proposed Model (Task B)

6. Result

7. Conclusion

8. References