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FINAL YAER PROJECT REPORT

EMOTION/MOOD DETECTION ON TWITTER TWEETS BY USING SENTIMENT ANALYSIS

By

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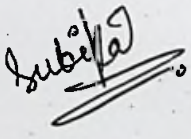
2019

DECLARATION

We hereby declare that this project report is based on our original work except for citations and quotations which have been duly acknowledged. We also declare that it has not been previously and concurrently submitted for any other degree or award at Bahria University or other institutions.

Signature : 

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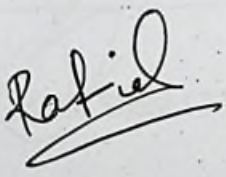
Signature : 

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APPROVAL FOR SUBMISSION

We certify that this project report entitled **"EMOTION/MOOD DETECTION ON TWITTER TWEETS BY USING SENTIMENT ANALYSIS"** was prepared by **SUBIKA SABIR** and **SYEDA RAFEYA HAQUE** has met the required standard for submission in partial fulfilment of the requirements for the award of Bachelor of Computer Science (Honours) at Bahria University.

Approved by,

Signature : _____

Supervisor : Mr Mohd Shahid Khan

Date :16/12/2019

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EMOTION/MOOD DETECTION ON TWITTER TWEETS BY USING SENTIMENT ANALYSIS

ABSTRACT

The utilization of media platform has grew bigger over the years. Enormous amounts of information is obtained from social media alone. People express their sentiments using social site twitter. In this study we have discussed how data and information obtained from twitter in the form of tweets can be helpful in detecting moods of people. This study is performed on the premise of emotion prediction. We perform emotion detection of the collected twitter data and explain discovered phenomena. Multiple algorithms like Naïve Bayes, random forest, SVM, linear regression and K-Nearest Neighbour are used to build an Emotion classifier that will determine the emotion class of the text and compares the results using confusion matrix.

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