

Internship Project Report
On
Hate Speech Detection
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by

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CERTIFICATE

This is to certify that the Internship report entitled “**Hate Speech Detection**” and being submitted by **M.SAMBA SIVA RAO,Y20AIT465** is work done by him and submitted during 2023– 2024 academic year, in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY in INFORMATION TECHNOLOGY**, at **1Stop Company**.

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and successfully completed the program.



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ABSTRACT

This abstract presents the application of data science techniques for detecting hate speech . With the proliferation of social media communication, the problem of hate speech has become a major concern.

This study aims to develop text classification models using natural language processing (NLP) algorithms for detecting hate speech. Our research focuses on utilizing various techniques such as word embeddings, feature extraction, and machine learning algorithms such as logistic regression, naive Bayes, and support vector machines to effectively process and analyse textual data.

The results demonstrate promising accuracy and precision of the developed models with high recall rates, minimizing cases of false positives and negatives. These prediction models can be integrated into social media platforms and mobile communication applications to automatically detect and flag hateful , promoting healthy online interactions and improving user experience.

Overall, this research contributes to addressing the problematic issue of hate speech a, leveraging the power of data science techniques in text analytics to the benefit of users and communities.

CONTENTS

1. Introduction	1-3
1.1 Overview	
1.2 Introduction to Machine Learning	
1.3 Scope of the Project	
1.4 Problem Statement	
2. Literature Survey	4-8
2.1 Literature Survey	
2.1.1 Literature Survey on Hate Speech Detection.....	
2.2 Existing System	
2.2.1 Existing System on Hate Speech Detection	
2.3 Proposed System	
2.3.1 Proposed System on Hate Speech Detection.....	
3. Implementation	9-12
3.1 List of Modules	
3.2 Software Requirement Analysis	
3.3 Project Code	
3.3.2 Hate Speech Detection.....	
4. Conclusion and Future Scope	13-14
4.1 Conclusion	
4.2 Future Scope	
5. References	15