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\vspace{.3cm} {\large{\textbf{\centerline{ Sentiment Analysis Framework for Marathi Text}}}}\label{1}\\

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\large{\noindent

Sentiment Analysis is one of the most critical jobs for any language, as well as a key topic in Natural Language Processing that has made significant advances in recent years. Popular and commonly used languages like as English, Russian, and Spanish have a large number of language models and datasets accessible for these purposes. However, in Low Resource Languages such as Hindi and Marathi, research is lagging far behind. Marathi, India’s third most spoken language, is one of the most widely spoken languages in the country. This is mostly spoken by Maharashtra residents. The use of language on internet platforms has grown exponentially during the last decade. Natural Language Processing (NLP) techniques for Marathi text, on the other hand, have gotten little attention. As a result, the goal of this research is to develop a framework that can be used to extract opinions from social media Marathi articles without the need for translations. For the job of opinion mining and classification, the multilingual model XLM-RoBERTa will be trained on the Marathi tweets dataset. For the purpose of opinion mining, we want to provide the outcomes of various XLM-R models over the Marathi tweets dataset.}