

PREFACE

As teaching methods change, it becomes more and more challenging to understand students, making an effective student feedback system essential. Feedback from students is crucial in understanding both the state of the classroom and the performance of the teacher. By learning about and comprehending student needs, teachers may enhance their methods of instruction. However, students occasionally lack effective feedback systems while giving criticism orally or through counselling. It is considerably simpler and easier to analyse the teaching process by using a student feedback system, whether it be online or offline.

Feedback obtained through the use of surveys and data analysis is more timely and precise. The pupils' feelings can be classified as good, negative, or neutral using a technique called sentiment analysis. Applications for sentiment analysis can be found in the banking, finance, services, and insurance sectors. In this regard, we have used sentiment scores to assess student feedback. In the evaluation process, students often provide textual comments that are unstructured but are nonetheless replete with information and insights on the teacher's command of the subject matter, their approach to teaching, the course's content, and their own learning experiences. In this study, the students' remarks were examined using sentiment analysis.

With the growth of educational institutions, online learning platforms have drawn in a large number of students by providing cost-free courses. Every year, thousands of students enrol in these enormous online courses, and their opinions of the course material and educational quality are further evaluated.

In this paper, we have applied a topic detection model to the feedback data that was collected from the school, the output of this model was then put through a sentiment analysis model, from which the feedbacks that were classified as not positive were put through a recommendation model to give an output that would give a possible solution as per the issues that had the highest frequencies, as mentioned in the feedbacks.