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### **OVERVIEW**

Each teacher will agree that having original remarks on report cards is necessary since it enables parents to comprehend their child's development and enable them to take the appropriate action by comprehending the comments on the report cards. This information gathering looked on the possible comments, remarks, or feedback given by the teacher or the advisers to their learners.

It was noted that there are various types of comments given by the teachers. This includes the content comment that is to urge students to read their papers critically, to add and remove content, and to rearrange content as necessary. The other sort of comment, known as a surface comment, concentrated on issues with language usage, spelling, grammar, and/or word choice. More likely, comments and remarks were to students in a positive or encouraging manner continue doing their best effort class. There is also the needs improvement/ negative remarks provides corrections and let students know the areas to be improved.

Since the proponent is currently employed as a secondary school teacher. She is able to acquire the required data by interviewing, and collecting information through written notes from her co-teacher or colleagues. On the other, most of the positive and negative or needs improvement remarks were gathered online. Searching on various website to acquire the required data sets needed for the activity. These data were encoded in the Microsoft Excel with columns for the ID, Sentiments and the Data. 225 positive comments were identified, and another 225 remarks for negative/ needs improvement with a total of 450 data sets used in training analysis. Moreover, 25 positive comments and another 25 need improvement remarks with a total of 50 data sets used in the testing analysis.

### **OBJECTIVE**

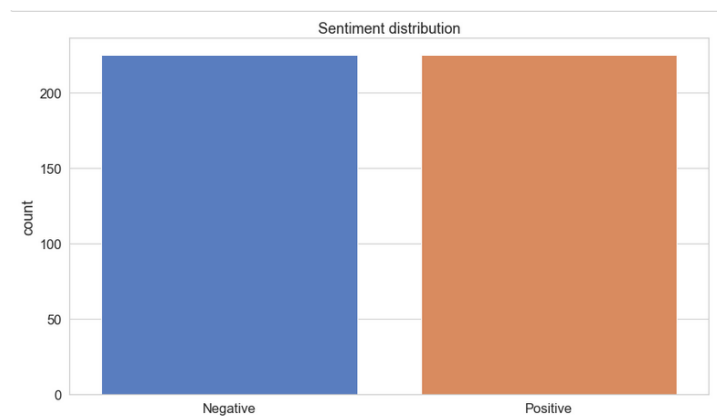
To conduct analysis for data sets on the positive comments and remarks of teacher in the report card of the students.

### **PROCESS AND METHODS**

The data was acquired through interviewing, and collecting information through written notes from co-teacher or colleagues. Moreover, most of the positive and negative or needs improvement remarks were gathered online through searching and scanning various website that provides necessary information for the completeness of the needed

data. These data were encoded in the Microsoft Excel with columns for the ID, Sentiments and the Data. 225 positive comments were identified, and another 225 remarks for negative/ needs improvement with a total of 450 data sets used in training analysis. In addition, 25 positive comments and another 25 need improvement remarks with a total of 50 data sets used in the testing analysis. These 2 data sets were saved on different .csv file and was converted into .tsv. Lastly, these files were attach to a Python program that also shows the results based on analysis through graphs and tables.

## RESULTS AND DISCUSSION



The result shows that there is an equal distribution of the positive comments and needs improvement remarks usually written in the report card of the students. Since, there are equal data sets for each sentiments. Thus, it is expected to have an equal visual result through graphs both in training and testing.