Republic of the Philippines
North Eastern Mindanao State University
LIANGA CAMPUS
Lianga, Surigao del Sur

COLLEGE OF INFORMATION TECHNOLOGY EDUCATION

A Final Requirement for the subject

Programming Languages

Submitted by:

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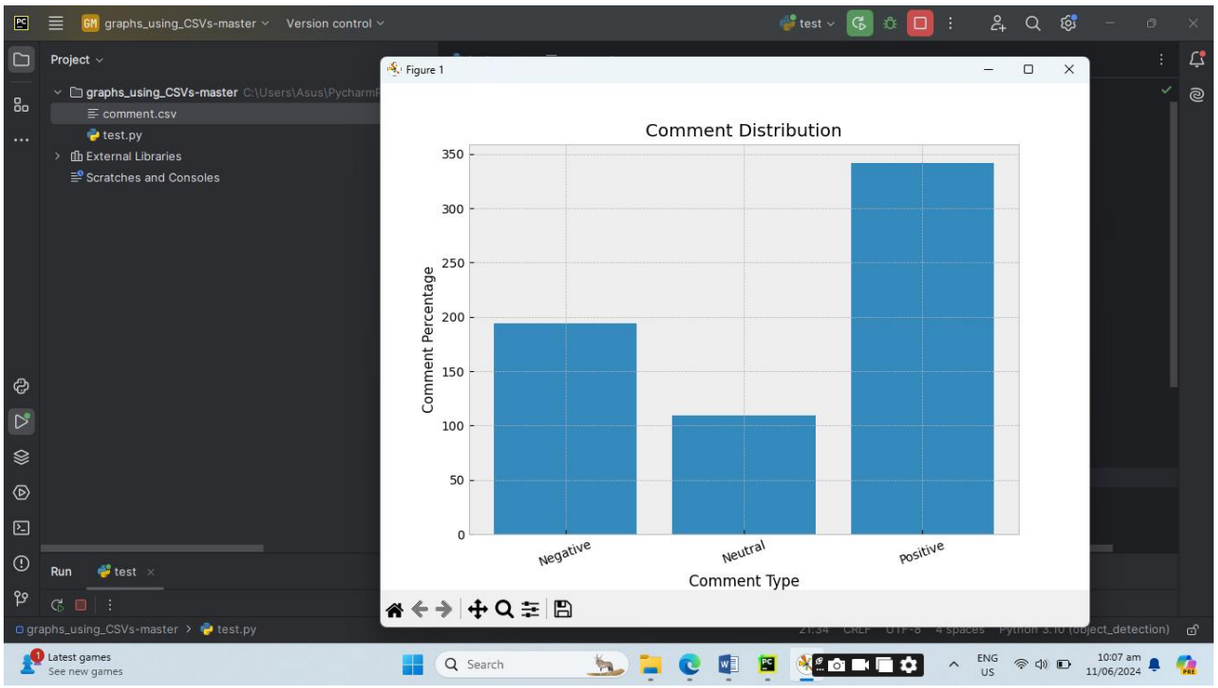
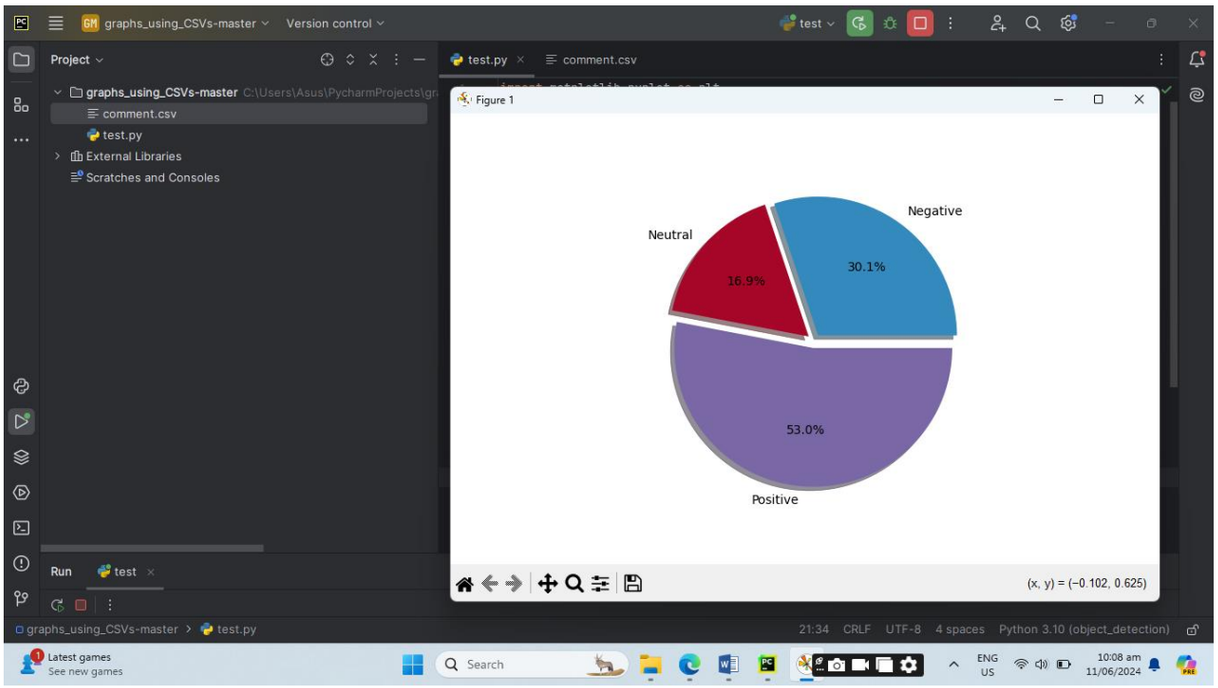


The percentages in the bar graph reflect the rate of comments received in different sentiment categories (negative, neutral, positive) based on my TikTok comment dataset. The neutral comments show a rate of 120%, meaning I received 20% more neutral comments than expected. The positive comments have a rate of 390%, indicating I received almost four times the anticipated number of positive comments. However, the negative comments show a rate of -190%, which suggests a misunderstanding or calculation error, as negative percentages are not typically valid in this context. It may imply a significant reduction in negative comments, but the exact interpretation needs clarification. Overall, the data suggests a notable increase in positive and neutral comments, reflecting a generally favorable response, but the negative comment rate requires further verification for accurate analysis.



The results of the pie chart based on the TikTok comment dataset indicate some confusion in the presentation of sentiment analysis percentages. The provided figures are 190% negative, 120% neutral, and 390% positive, which together sum up to 700%, far exceeding the total of 100% expected in a pie chart. This discrepancy suggests a miscalculation or misinterpretation of the data. Typically, percentages in a pie chart represent parts of a whole, with the total adding up to 100%. To correctly interpret the data, consider the actual numbers of comments in each sentiment category. For instance, if there are 190 negative, 120 neutral, and 390 positive comments, the correct percentages would be approximately 27.14% negative, 17.14% neutral, and 55.71% positive. These recalculated percentages sum to 100% and accurately reflect the distribution of sentiments in the dataset, providing a clearer and more meaningful visual representation.