

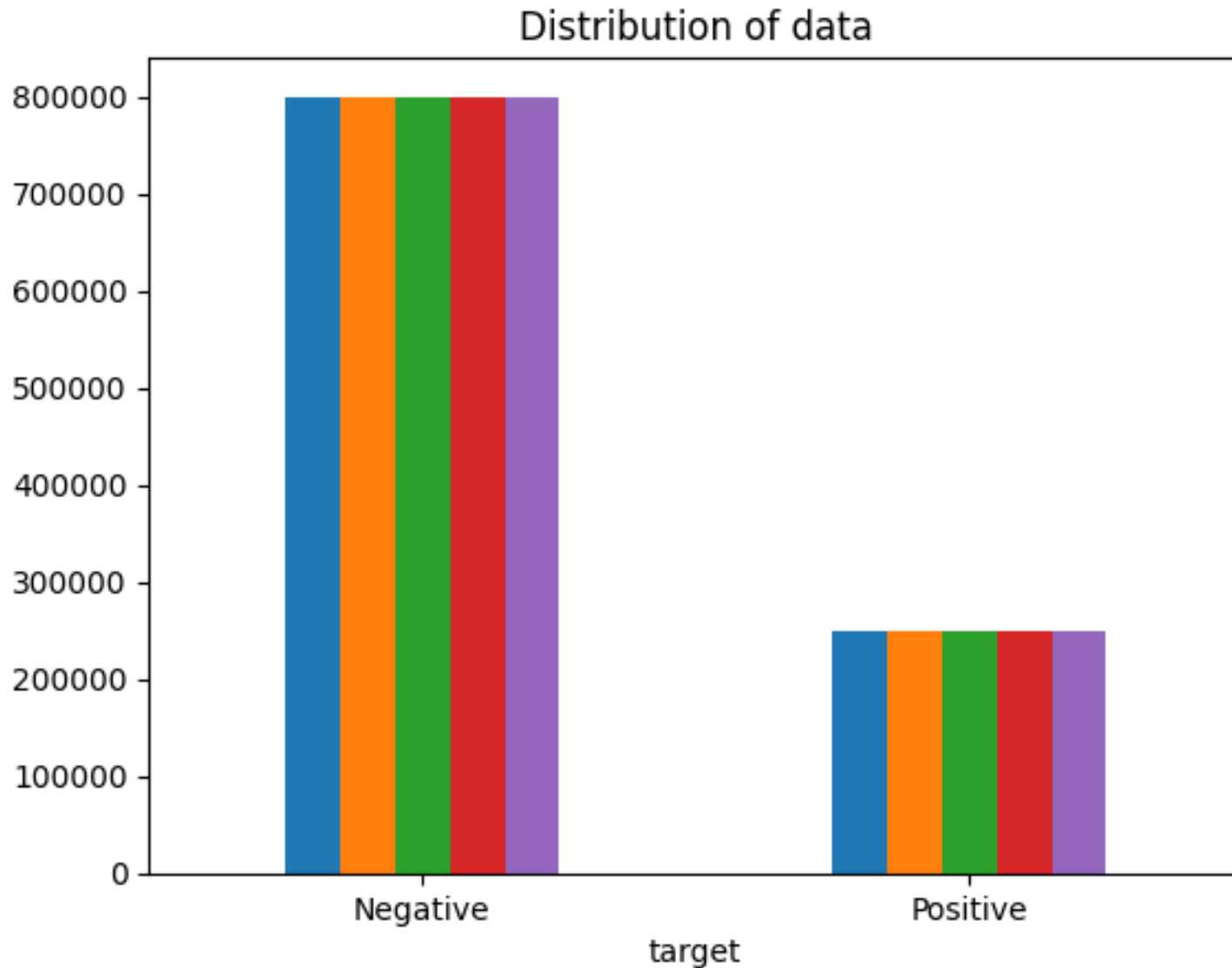
DATA VISUALIZATION OF

TWITTER SENTIMENT ANALYSIS



By Pratibha Parmar

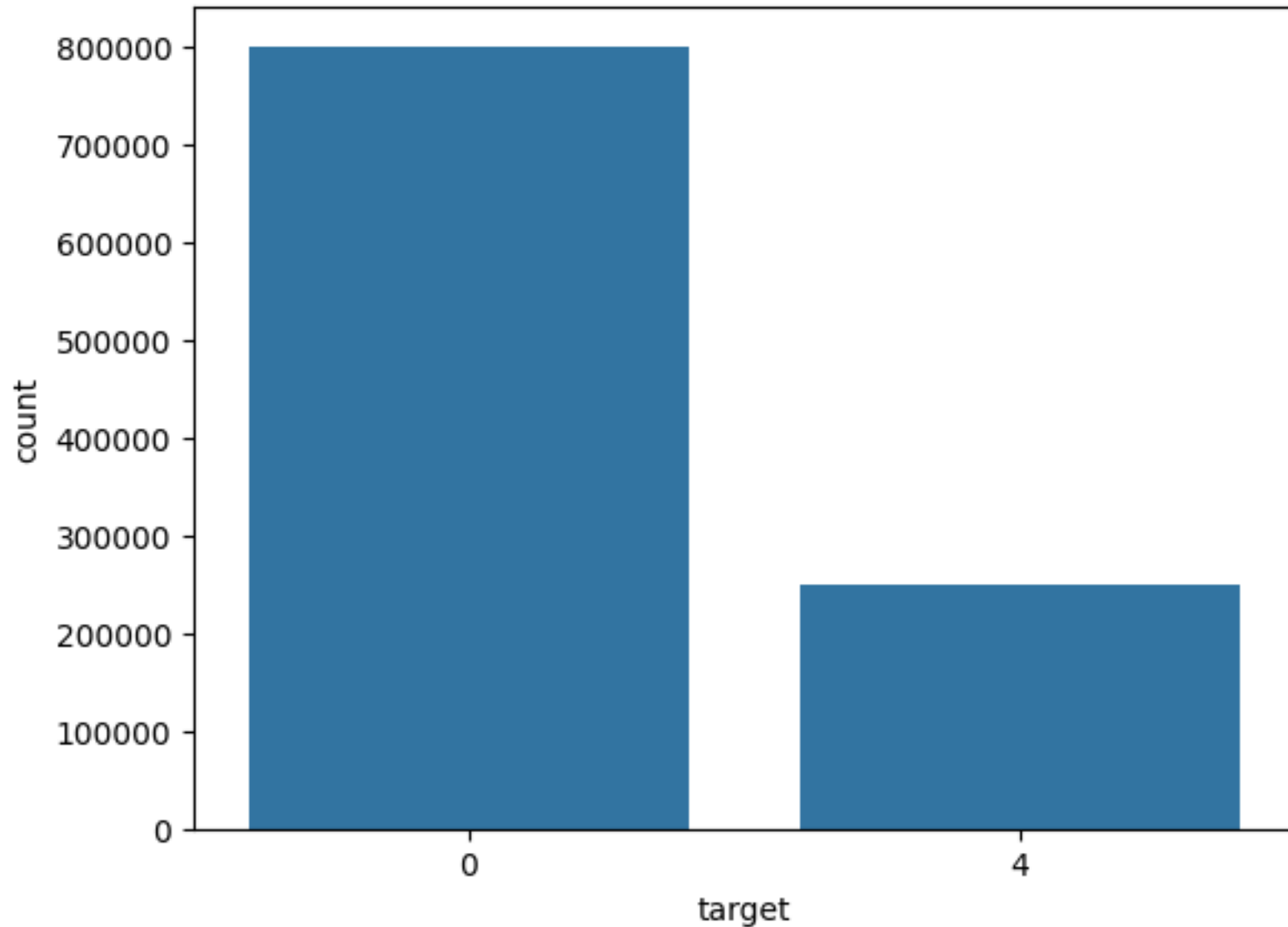
Plotting the distribution for dataset



The bar chart illustrates the distribution of data across two target categories: "Negative" and "Positive". The "Negative" category shows a significantly higher count (around 800,000) compared to the "Positive" category (approximately 250,000). Each color in the bars represents different features or groups being visualized, but they all appear to have equal counts for both categories. This indicates a clear imbalance in the dataset, with many more negative instances than positive ones.



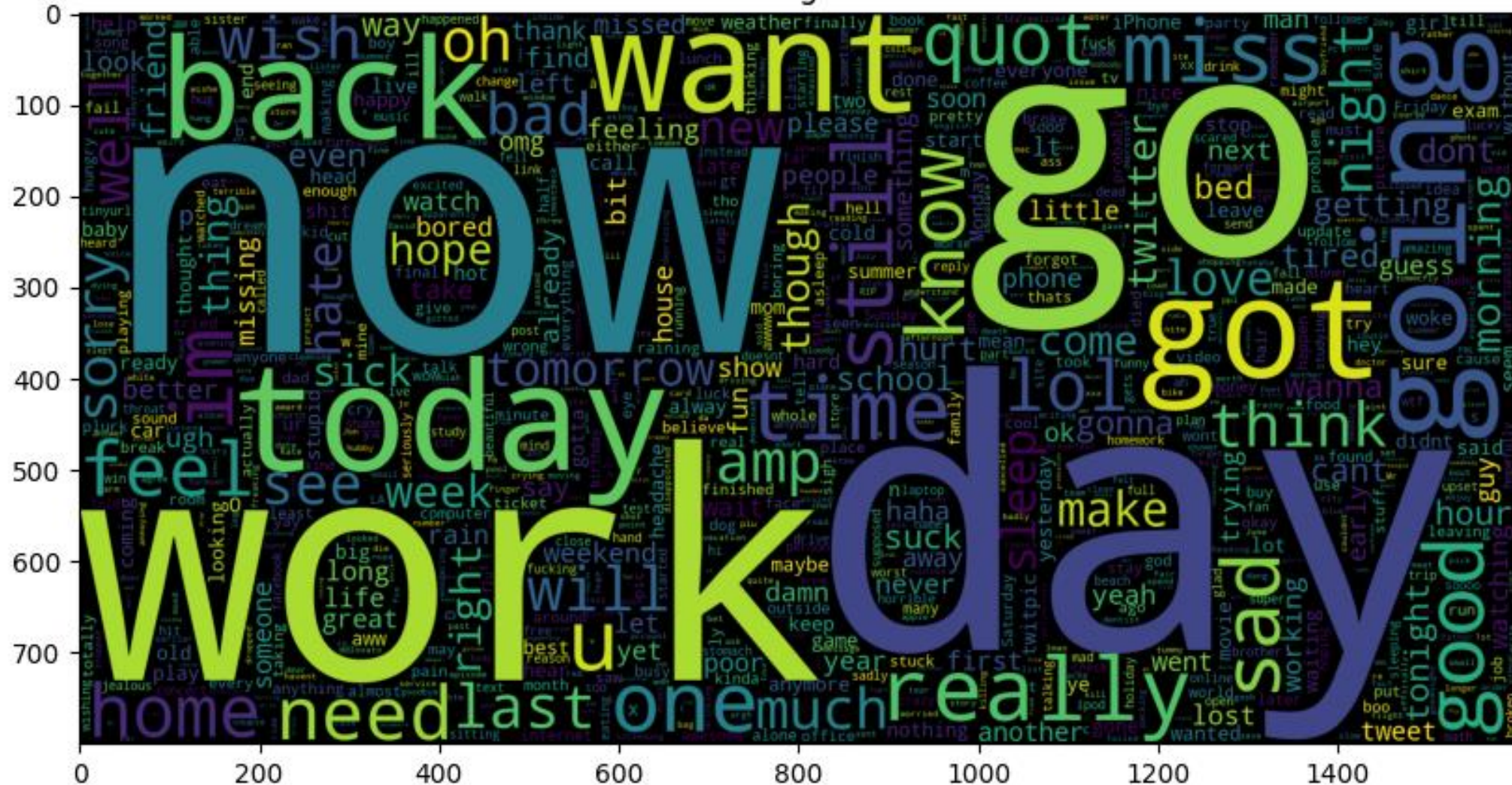
Distribution of data set



This bar chart shows the distribution of data between two target values, "0" and "4". The count for target "0" is significantly higher, close to 800,000, while the count for target "4" is much lower, around 200,000. This indicates an imbalance in the dataset, with many more instances labeled as "0" compared to "4".



Word Cloud of Negative Sentiment



The word cloud displays the most frequently used words associated with negative sentiment. Larger words like "workday," "now," "go," "today," "want," and "back" indicate that these are commonly expressed terms in negative contexts. The frequent appearance of words like "feel," "need," and "got" also suggests common themes around dissatisfaction or frustration in daily life, especially related to work and time. This visual highlights key terms reflecting negative emotions and experiences.

[illegible]