During the pre-processing phase, I employed various methods to process the data. These included decapitalisation, removal of numerals, exclusion of stop words, punctuation elimination, lemmatisation, and noun chunking. As a result, I generated multiple versions of the review texts that I could utilise in my opinion mining process. To determine the most effective string combination, I tested each combination by scoring them based on the formula: (number of feature matches to tagged data multiplied by accuracy). This was tested via the ` show\_optimium\_string\_variables` function. The optimum review string was: Lemmatised\_Review\_String for feature extraction and the Soft\_Filtered\_Review\_String for sentiment analysis.