Q1 ) First I thought of selecting the whole sentences that’s why I was thinking of a text summarizer but it was not performing well So I thought of a Keyword extractor and I created 2 functions in the first function I extracted all the numbers and in the second function I extracted all names, places (namely nouns) and adjectives, etc.

Q2) I didn’t divide the text into test, train, validation because in the problem statement I was not sure about which words are insightful first I need to identify in which direction we are looking for insightful words, for example, are we looking for some feedback, praise or some price-related words, words related to the performance of a product etc.

Then I read the output file and I created a keyword extractor.

In order to improve the model , I also need to understand for which purpose are we going to use the results like are we using it in social media industry , business world or something else .

If we want to improve the model performance We need to first narrow down our search in respective fields create different models for different fields and then combine all the results.

Q3) The Result image :





