**Solution:**

1.

Explain the expected challenges:

Challenges:

-to decide about the order of the pre processor phases.

- we can see from the terms distribution per category that the distribution is not uniform

- the expected challenges is according to the most common words we know the category.

-if we have common words to multiply categories so this will be more difficult to predict the category.

2.

Describe the task challenges, and explain effective solutions:

-we don’t know which is the best model for this case, so we check the models and

Modified the parameters to get the best results.