**Mandatory 1 Part B Exercice 1**

1b) Parameters of the vectorizer

Table of the results of the test

|  |  |  |
| --- | --- | --- |
|  | Binary | |
| Ngram\_range | True | False |
| (1,1) | 0.7625 | 0.768125 |
| (1,2) | 0.784375 | 0.734375 |
| (1,3) | 0.774375 | 0.7225 |

The best setting is to take (1,2) as the ngram\_range and to take True as the binary.

We can see that run when binary is True give us best result than run when binary is false.