**Code File Description**

**Attached Files**

1. dataset.csv
2. sentiscores.csv
3. Normalized\_scores.csv
4. Bayesian\_output.xlsx
5. Bayesian\_game\_tagging\_file
6. Standard\_tag
7. PythonFile1.py.
8. PythonFile2.py.
9. PythonFile3.py.

**Steps to be followed**

1. Execute PythonFile1.py. Take input ***Dataset.csv.*** The code generated output in file ***sentiscores.csv*** which is basically the context scores (CP, CN) of the reviews.
2. Next step is normalized step .We take the *positive\_sentiscore* and *negative\_sentiscore* from ***sentiscores.csv*** file and normalized them between 0 to 1 which is named as CP and CN in the ***Normalized\_scores.csv*** file. Similarly rating scores are normalized using equation 1 and 2 and named as RP and RN . The normalized values of RP , RN , CP , CN are given in ***Normalized\_scores.csv*** file.

RP= Given rating/5 (1)

RN= (5- Given rating)/5 (2)

1. Next we give the input ***Normalized\_scores.csv*** toPythonFile2.py. where Bayesian game is played and sentiment tag is given to each review **Bayesian\_output.xlsx.**
2. Next we give the sentiment tag in the using excel formula in the ***Bayesian\_game\_tagging\_file***
3. For taking out the standard tag we count the tag of review using PythonFile3.py. and get the output in the ***standard tag*** file.