

## **README**

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### **List of files:**

**bayes.py** – (base classifier)

**bayes\_best.py** – (improved version of bayes classifier)

**evaluate.py** – (Python script splits the dataset into training and testing, trains both the classifiers, tests the classifiers and prints the result as shown in the Evaluation\_Document.pdf)

**split\_and\_shuffle\_data.py** – (Python Script which shuffles and divides the dataset into training and testing)

**Evaluation\_Documentation.pdf** – (Contains the answers for reflection questions and evaluation questions)

**README** – (Includes information on files, compilation and execution steps)

### **Required Folder Structure:**

```
movies_review
    movie-1-11.txt
    movie-5-112.txt
    ....
bayes.py
bayes_best.py
evaluate.py
split_and_shuffle_data.py
.....
```

### **Compilation instructions:**

Step 1: Move '**movies\_reviews**' (data set) folder to a path where .py files located mentioned above.

step 2: run **python evaluate.py dataset\_foldername**