System Outputs on Development Data

Word-Based Tokenization Model Evaluation

```
In 21    1  y_dev = dev_df["label"]
         2  y_dev = np.array(y_dev.map({"positive": 1, "negative": 0}))
         3  y_dev = y_dev.tolist()
         4  x_dev = x_dev_word_based_feature_matrix
         5
         6  wb_eval_predictions = nb_word_based_tokenization.predict(x_dev)
         7  print(classification_report(y_dev, wb_eval_predictions))
         8
         Executed at 2024.08.09 10:54:06 in 753ms
```

	precision	recall	f1-score	support
0	0.78	0.81	0.80	287
1	0.75	0.72	0.73	225
accuracy			0.77	512
macro avg	0.76	0.76	0.76	512
weighted avg	0.77	0.77	0.77	512

BPE Tokenization Model Evaluation

```
In 22    1  x_dev_bpe = x_dev_bpe_feature_matrix
         2
         3  bpe_eval_predictions = nb_word_based_tokenization.predict(x_dev_bpe)
         4  print(classification_report(y_dev, bpe_eval_predictions))
         Executed at 2024.08.09 10:54:06 in 32ms
```

	precision	recall	f1-score	support
0	0.55	0.73	0.63	287
1	0.41	0.24	0.30	225
accuracy			0.52	512
macro avg	0.48	0.49	0.47	512
weighted avg	0.49	0.52	0.49	512