Text Classification Assignment

Two Machine Learning models were used on the provided dataset to classify text into 3 different categories depending on the context.

The models used:

- **Multinomial Naïve Bayes (NB)**
- **Linear Support Vector Machine (SVM)**

After data exploration and preprocessing, the models were trained, validated, and tested using the prepared dataset.

The accuracy results were close to one another when comparing both the NB and SVM models standing at approximately 87% and 88% accuracy, respectively.

Also, the validation scores make it safe to assume that no over-fitting or under-fitting have occurred during the training process.

The code can be accessed by opening the attached ".py" files and is explained in the attached "readme" file.