Crawling Folder

1. pip install snscrape and other necessary libraries
2. Run either the Crawling_Twitter.ipynb or Crawling_Reddit.ipynb

Preprocessing Folder

1. The original data used for preprocessing is located at:

   Submission_1-Group16.zip → CSV Folder → Uncleaned_Data Folder →

   unclean_labelled.csv and **unclean_others.csv**

2. pip install necessary libraries
3. Run the Preprocessing.ipynb
4. The processed labelled dataset will be used for the classification approach

Classification Folder

1. The labelled data used for training and testing is located at:

   Submission_1-Group16.zip → CSV Folder → Cleaned Folder →

   final_labelled.csv

2. pip install necessary libraries
3. Run the Classification.ipynb for the classification approach used in Q4.2

Innovation Folder

1. The labelled data used for training and testing is located at:

   Submission_1-Group16.zip → CSV Folder → Cleaned Folder →

   final_labelled.csv

2. pip install necessary libraries

3. Run the EnsembleLearning.ipynb, Bi-LSTM Polarity.ipynb and Bi-LSTM Subjectivity.ipynb for the innovation approaches used in Q4.3

UI Folder

1. pip install necessary libraries
2. Run the UI.ipynb for the classification UI