Install azure-ai-textanalytics

OR

run this command on terminal 'pip install azure-ai-textanalytics'

For Task 4.1 run 'sentiment\_analysis.py'

For Task 4.2 run 'distribution\_of\_sentiment\_labels.py'

**Important Note:** "yelp\_review.csv" is too large to be processed in a single iteration so I have created subsamples of 5, 100, 1000. In task 4.1 (sentiment\_analysis.py) this issue is handled properly for whole dataset "yelp\_review.csv" but it will take too much time to process the whole dataset. It is recommended to use the sample dataset. But for task 4.2 (distribution\_of\_sentiment\_labels.py) this issue cannot be handled properly as a data frame cannot store 127399 records. The effort can be seen in test.py in which I have tried to read the dataset in chunks of 10000 and store the records in another data frame but still face memory issues. So, for task 4.2 it is recommended to used "yelp\_review\_1000.csv".