Insight Data Science Read Me:

The code has been done in the Python Language and for the purposes of testing it and having a clean code I had used the Eclipse IDE with the Python Plug-in to it. Since the data extraction of the tweets and the storing the information in JSON format is been already done. I had used the tweets.txt sample input for producing the output for the code. So to get the desired output of producing the rolling average, we need to extract the Created \_at: & Hashtags: in the field. To make the text as readable I had used the JSON library to load the data as an JSON readable. The corresponding key values are being extracted. To use the hashtags and create a graph to traverse it we create a link list and traverse through it dynamically as we recuse through the tweets as it comes by and create the running average. In order to handle the 60 second window of the tweets I had used the Unix time format to find the difference between the two tweets in seconds and calculate the average time for the corresponding.