# Prerequisites
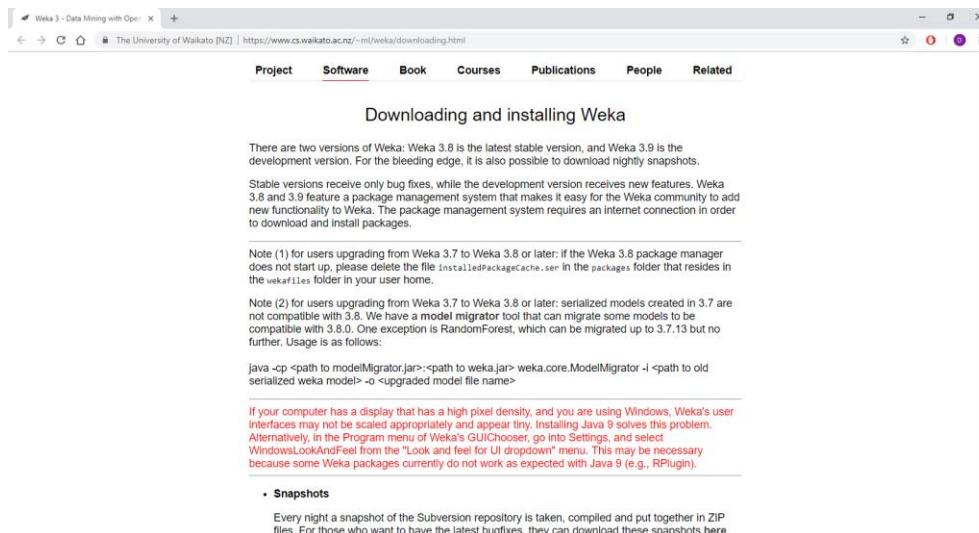
Environment: Windows

Hardware Specification: Minimally 8 GB of RAM and 5GB Space Installation
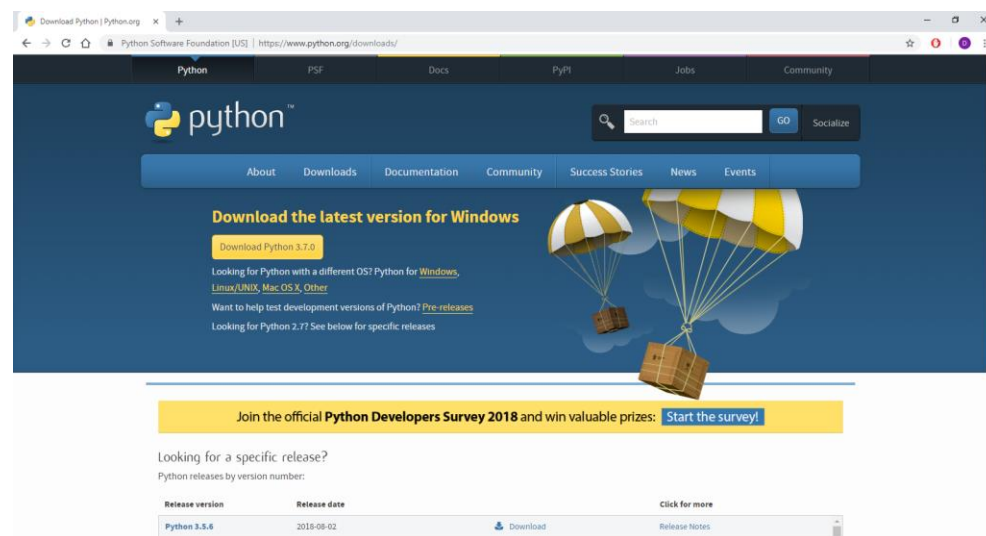
Installation Drive: C Drive

# Installation

1. Clone git repository: https://github.com/derrickpehjh/An-Affect-Intensity-Tool-by-Combining-Lexicon-and-Learning-Based-Approaches

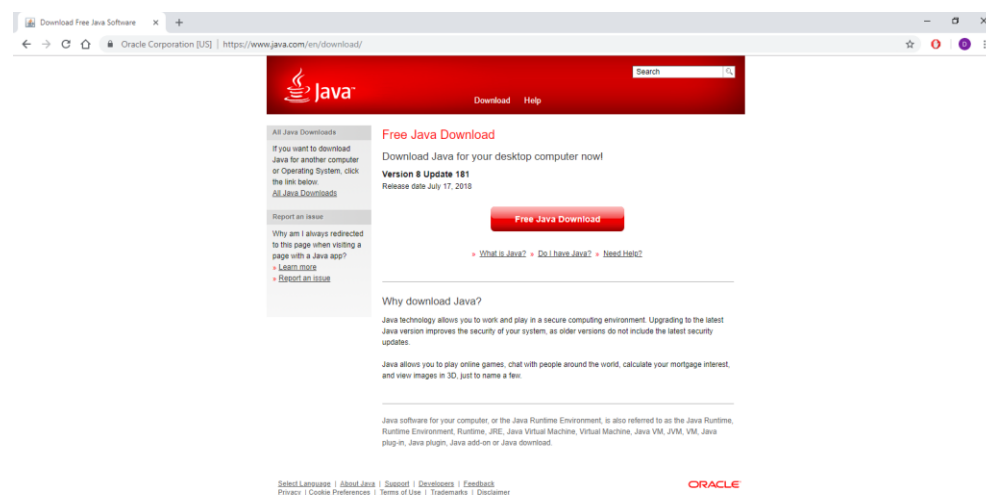2. Weka - https://www.cs.waikato.ac.nz/~ml/weka/downloading.html

3. Python 3.7 - https://www.python.org/downloads/



4. Java - https://www.java.com/en/download/

5.  Associated python libraries
    1.  python -m pip install --user numpy scipy sklearn

```
C:\Users\derri>python -m pip install --user numpy scipy sklearn
Requirement already satisfied: numpy in c:\users\derri\appdata\local\programs\python\python36\lib\site-packages (1.14.2)

Requirement already satisfied: scipy in c:\users\derri\appdata\local\programs\python\python36\lib\site-packages (1.1.0)
Requirement already satisfied: sklearn in c:\users\derri\appdata\local\programs\python\python36\lib\site-packages (0.0)
Requirement already satisfied: scikit-learn in c:\users\derri\appdata\local\programs\python\python36\lib\site-packages (
from sklearn) (0.19.1)

C:\Users\derri>
```
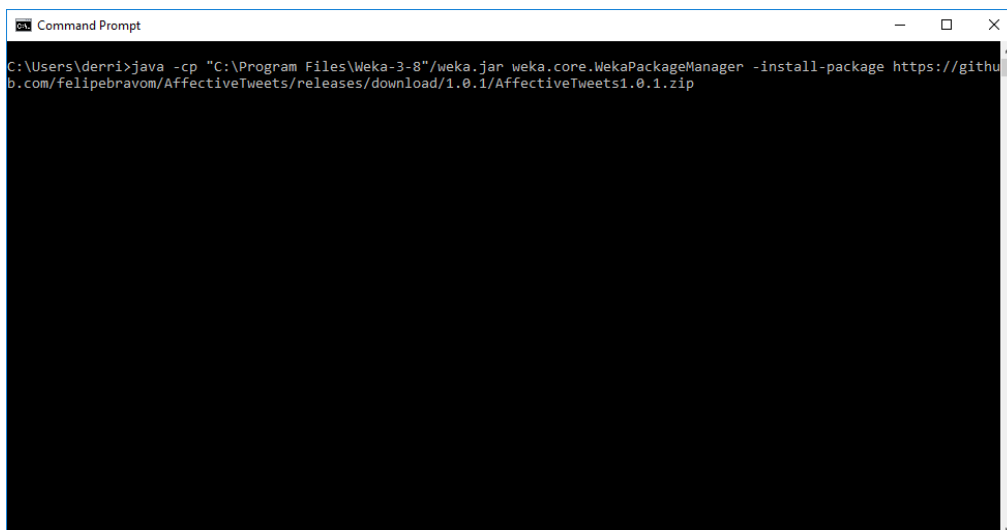
6.  AffectiveTweets Package with external packages (LibLinear and Edinburgh corpus)
    1.  java -cp $WEKA_PATH/weka.jar weka.core.WekaPackageManager -install-package AffectiveTweets

    In case of having problems with the Weka packages repository, install the package as follows: C:\Program Files\Weka-3-8

    2.  java -cp $WEKA_PATH/weka.jar weka.core.WekaPackageManager -install-package https://github.com/felipebravom/AffectiveTweets/releases/download/1.0.1/AffectiveTweets1.0.1.zip

```
C:\Users\derri>java -cp "C:\Program Files\Weka-3-8"/weka.jar weka.core.WekaPackageManager -install-package https://githu
b.com/felipebravom/AffectiveTweets/releases/download/1.0.1/AffectiveTweets1.0.1.zip
```
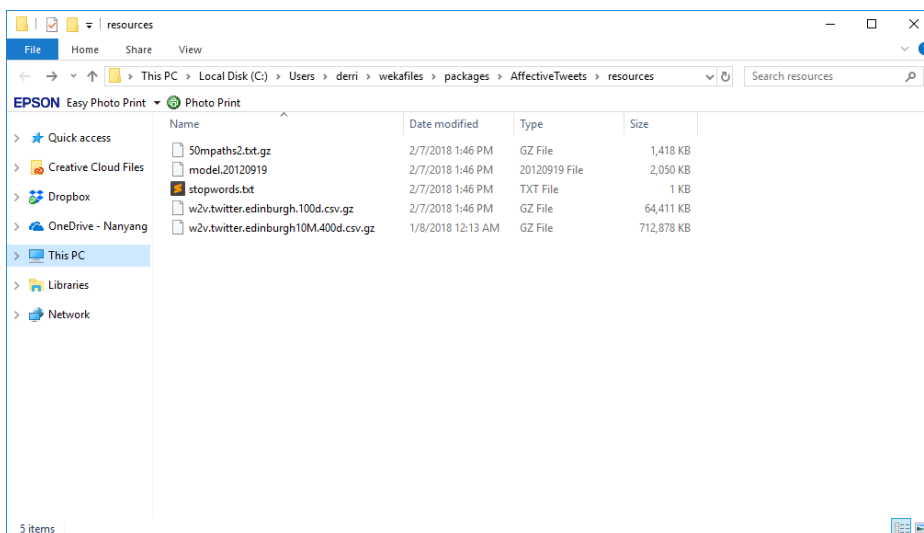
<u>LibLinear</u>

java -cp $WEKA_PATH/weka.jar weka.core.WekaPackageManager -install-package
LibLINEAR



<u>Edinburgh Corpus</u>

https://github.com/felipebravom/AffectiveTweets/releases/download/1.0.0/w2v.twitter.edinburgh10M.400d.csv.gz
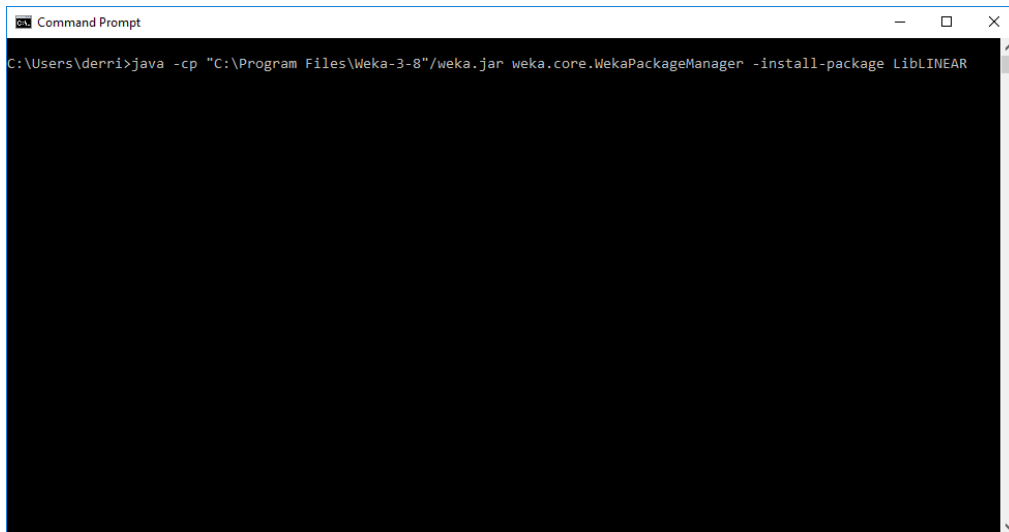
Download the file from the given link to
C:\Users\{user}\wekafiles\packages\AffectiveTweets\resources



Note: Please add Python and Java to your Windows Environment to allow the programs to
run in command prompt.