

## Prerequisites

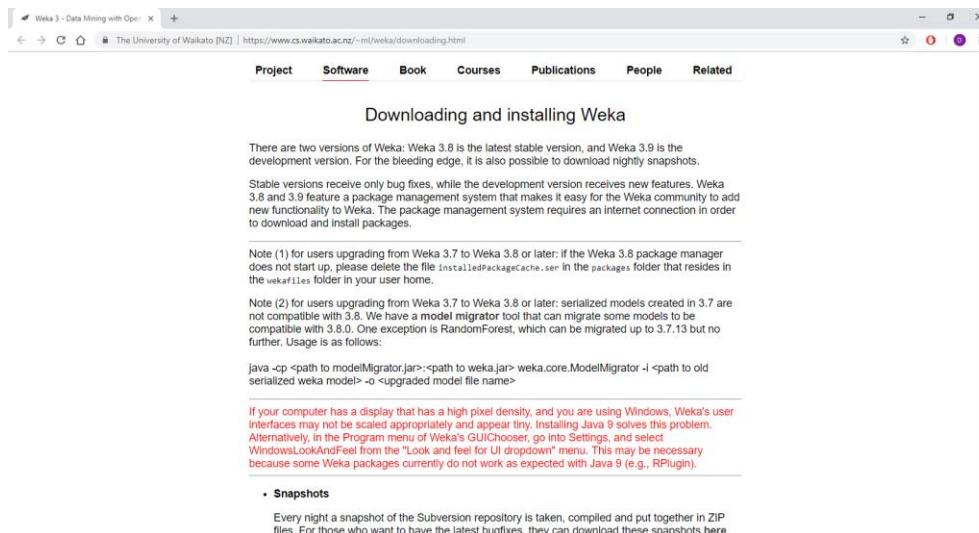
Environment: Windows

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

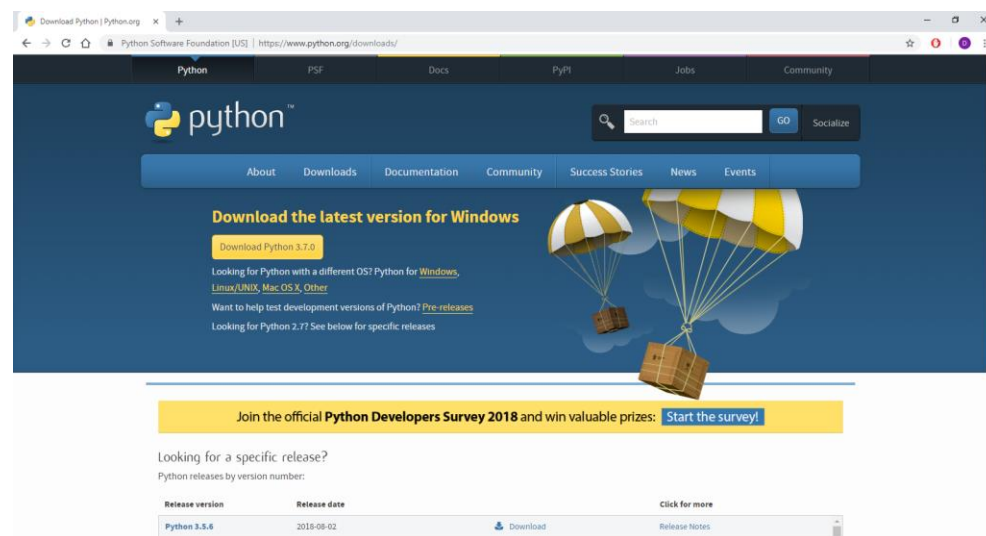
Installation Drive: C Drive

## 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>



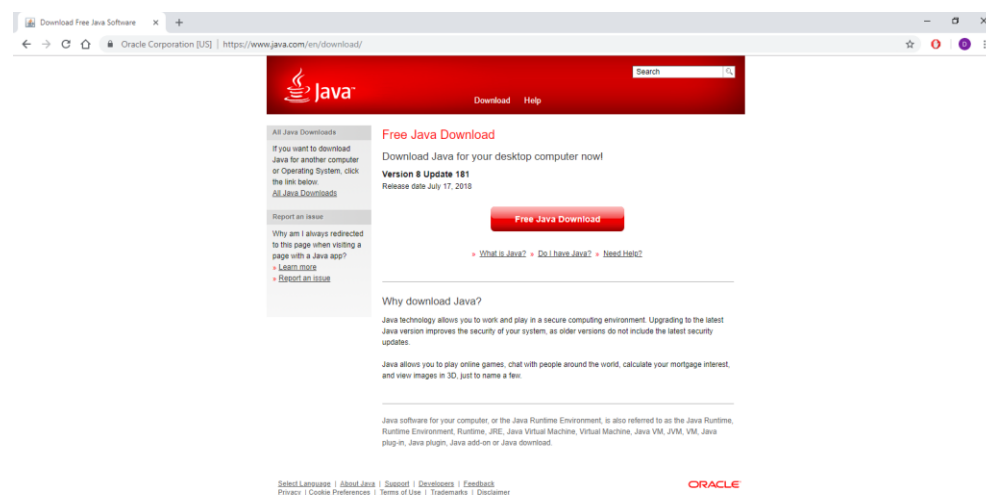
### 3. Python 3.7 - <https://www.python.org/downloads/>



The screenshot shows the Python.org website's download page. The header includes the Python logo, a search bar, and navigation links: Python, PSF, Docs, PyPI, Jobs, and Community. Below the header, there are links for About, Downloads, Documentation, Community, Success Stories, News, and Events. The main content area features a large banner with the text "Download the latest version for Windows" and a button to "Download Python 3.7.0". It also includes links for "Looking for Python with a different OS? Python for Windows, Linux/UNIX, Mac OS X, Other" and "Want to help test development versions of Python? Pre-releases". A yellow banner below the main content area says "Join the official Python Developers Survey 2018 and win valuable prizes: Start the survey!". At the bottom, there is a section titled "Looking for a specific release?" with a table of Python releases by version number.

Release version	Release date	Download	Click for more
Python 3.5.6	2018-06-02	<a href="#">Download</a>	<a href="#">Release Notes</a>

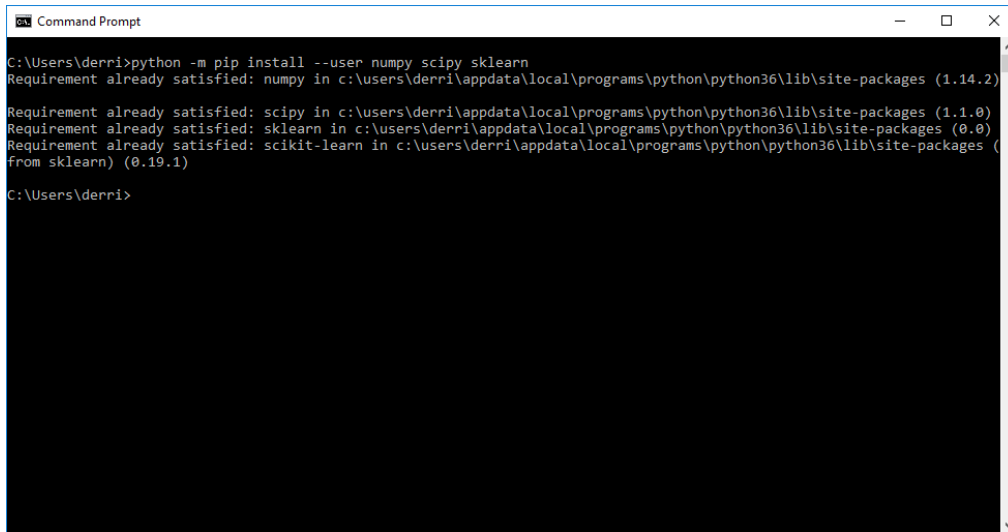
### 4. Java - <https://www.java.com/en/download/>



The screenshot shows the Java.com website's download page. The header includes the Java logo, a search bar, and links for Download and Help. The main content area features a large banner with the text "Free Java Download" and a button to "Free Java Download". It also includes links for "What is Java?", "Do I have Java?", and "Need Help?". Below the banner, there is a section titled "Why download Java?" with text explaining the benefits of Java. At the bottom, there is a footer with links for "Select Language", "About Java", "Support", "Developers", "Feedback", "Privacy", "Cookie Preferences", "Terms of Use", "Trademarks", and "Disclaimer".

## 5. Associated python libraries

1. `python -m pip install --user numpy scipy sklearn`



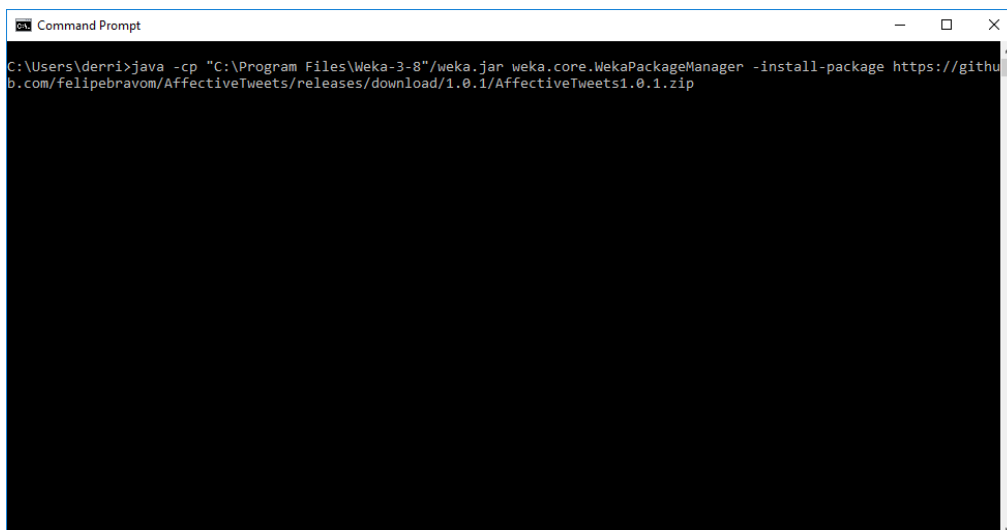
```
Command Prompt
C:\Users\derri>python -m pip install --user numpy scipy sklearn
Requirement already satisfied: numpy in c:\users\derri\appdata\local\programs\python\python36\lib\site-packages (1.14.2)
Requirement already satisfied: scipy in c:\users\derri\appdata\local\programs\python\python36\lib\site-packages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

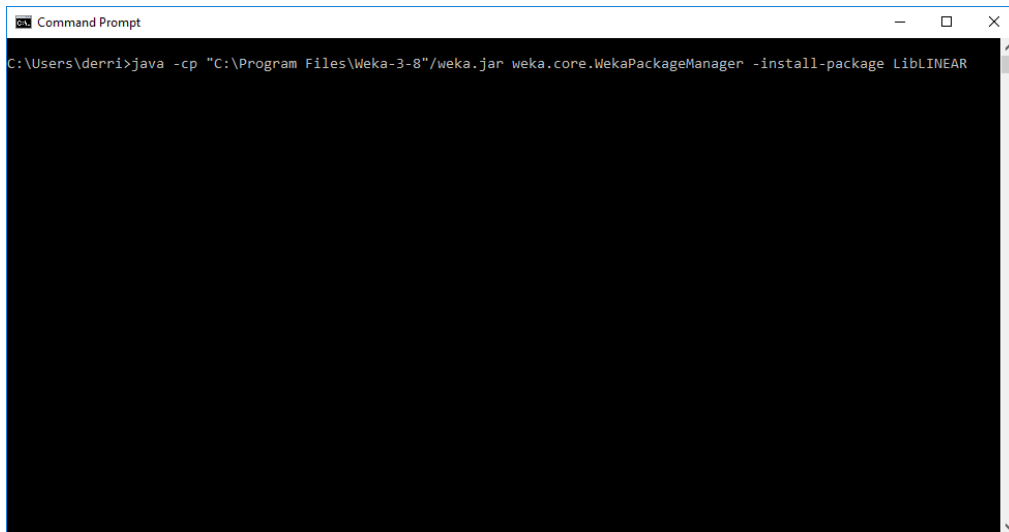
2. `java -cp $WEKA_PATH/weka.jar weka.core.WekaPackageManager -install-package https://github.com/felipebravom/AffectiveTweets/releases/download/1.0.1/AffectiveTweets1.0.1.zip`



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

## LibLinear

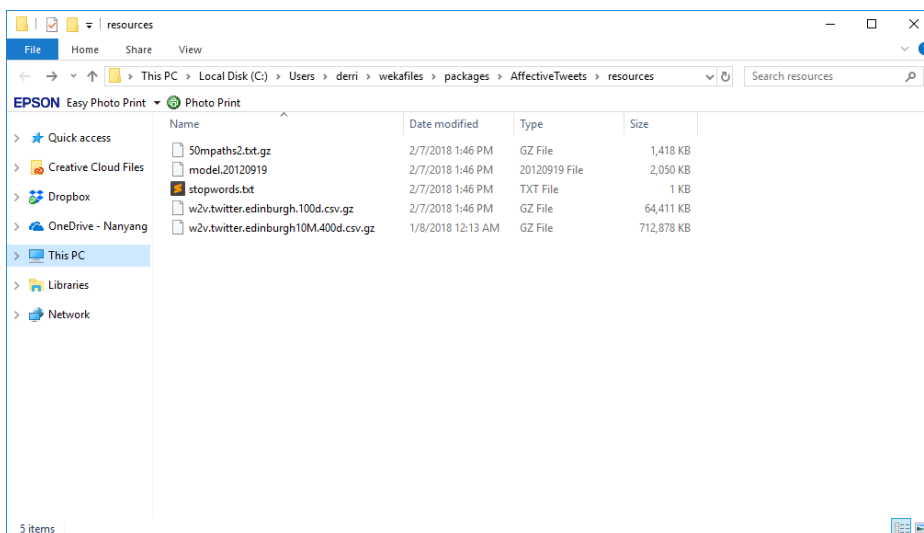
```
java -cp $WEKA_PATH/weka.jar weka.core.WekaPackageManager -install-package LibLINEAR
```



## Edinburgh Corpus

<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.