

## How to set up R and RStudio on Windows

1. Go to <https://cran.rstudio.com/> and click on 'Download R for Windows' (or the required version for the corresponding OS) to download the latest R version (.exe file), and install it.
2. Go to <https://www.rstudio.com/products/rstudio/download3/>. Scroll down and download the required installer for RStudio and install it.
3. To install required packages, open RStudio. Click on 'install' under the 'Packages' tab at the bottom right part of the window. You will get a popup window. Select 'Repository (CRAN)' as 'Install from' unless you have explicitly downloaded the packages and stored them in your hard drive. In the 'Packages' textbox, write the name(s) of the packages to install, separated by commas if required (to install multiple packages at once). Let the 'Installation to library' be set to default.
4. Install the following packages using the above step:
  - a. igraph
  - b. tm
  - c. NLP
  - d. openNLP
  - e. wordcloud

To install from the console, run the following command:

```
> install.packages(package_name1[,package_name2,...])
```

You may install the packages one by one for convenience in monitoring the process.

**\*\*\*\*\*IMPORTANT NOTE:** For OpenNLP and NLP packages to work properly, the system must have **java** installed in it. **\*\*\*\*\***