

# ANALYSIS<sup>WITH</sup>PROGRAMMING

cout << "let's do some analysis and programming" << endl;

<http://alstatr.blogspot.com/>

DOWNLOAD AND INSTALLATION IN UBUNTU  
*R Programming*

30 of March 2013

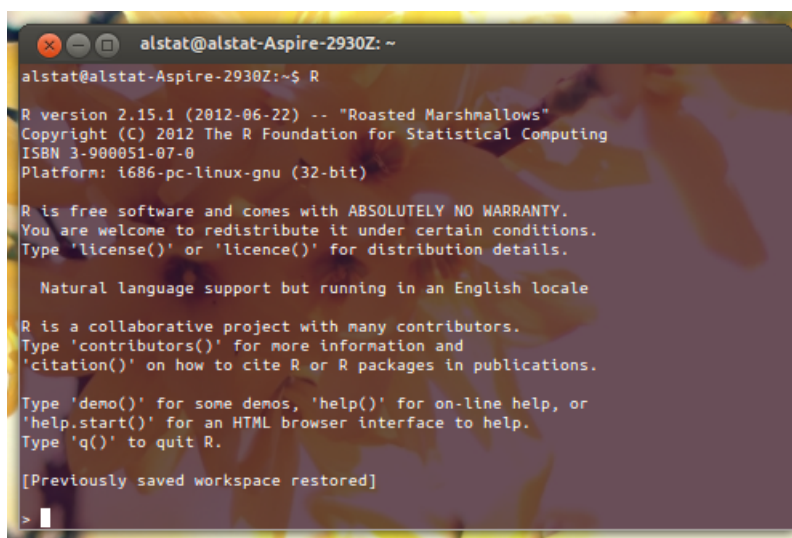
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There are two ways to install R in Ubuntu. One is through the terminal, and the other is through the Ubuntu Software Center.

## Through the **Terminal**

- Press **Ctrl+Alt+T** to open the **Terminal**;
- then execute `sudo apt-get update`; after that,
- run `sudo apt-get install r-base`.

To run R, execute R in the Terminal (see the picture below).

A screenshot of a terminal window titled 'alstat@alstat-Aspire-2930Z: ~'. The terminal shows the command 'R' being executed, which displays the R version 2.15.1 (2012-06-22) startup screen. The screen includes copyright information for The R Foundation for Statistical Computing, ISBN 3-900051-07-0, and platform information (i686-pc-linux-gnu (32-bit)). It also mentions that R is free software with absolutely no warranty and provides instructions on how to use various functions like 'license()', 'licence()', 'demo()', 'help()', 'help.start()', and 'q()' to quit R. The terminal ends with '[Previously saved workspace restored]' and a prompt '> '.

R statistical package in Ubuntu 12.10 Terminal

## Through **Ubuntu Software Center**

- Open **Ubuntu Software Center**;
- search for **r-base**;
- and click **Install**;
- then run R by executing R in the **Terminal**.

Working in the **Terminal** would be inconvenient, so I suggest downloading a user-friendly interface. For example in Ubuntu, I recommend using RStudio IDE or

RKWARD KDE.

To install RStudio IDE, do the following:

- Go to RStudio IDE download page;
- click Download RStudio Desktop;
- then click on the download link recommended for your system;
- run the downloaded file (double click the file) to start the setup wizard;
- click “Next” until “Finish”.



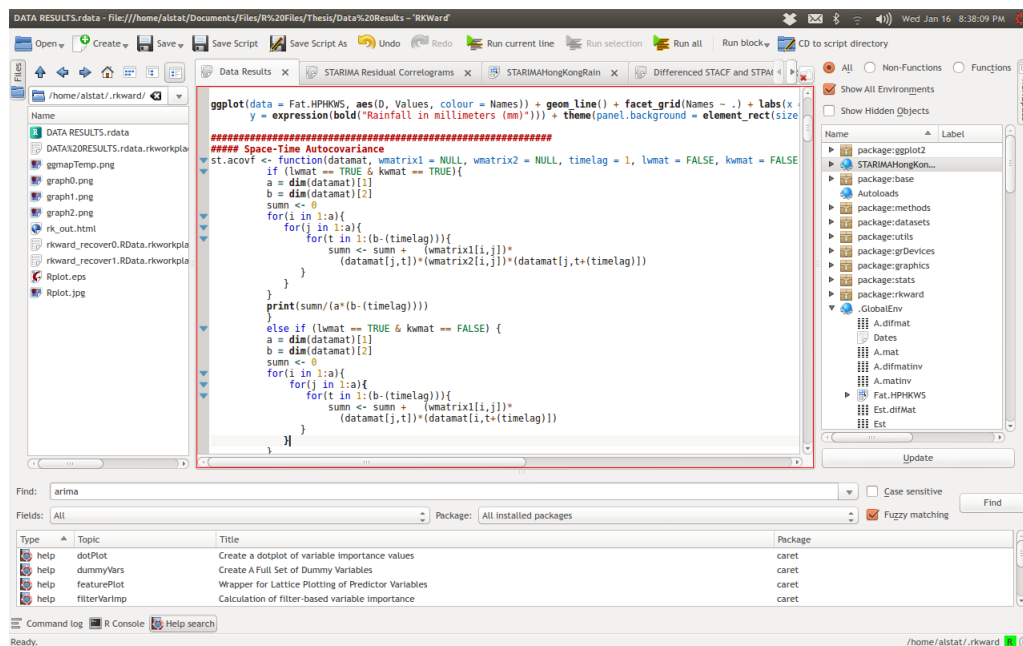
RStudio in Ubuntu 12.10 Dash

To open RStudio IDE, search for RStudio in the Ubuntu dash.

To install RKWARD KDE, do the following:

- Open **Ubuntu Software Center**;
- search for **RKWARD**;
- then click **Install**;

To open RKWARD KDE, search for RKWARD in the Ubuntu dash and hit Enter.



RKWARD KDE in Ubuntu 12.10

## References

Ubuntu Packages for R

**Labels**

Installation, R, Tutorial, Ubuntu,