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# R Installation Document

## 1. Installation on Ubuntu 16.04 Xenial

Open the Terminal and run the following commands

### Step1: Add R repository

```
sudo echo "deb http://cran.rstudio.com/bin/linux/ubuntu xenial/" | sudo tee -a /etc/apt/sources.list
```

### Step2: Add R to Ubuntu Keyring:

```
gpg --keyserver keyserver.ubuntu.com --recv-key E084DAB9  
gpg -a --export E084DAB9 | sudo apt-key add -
```

### Step3: Install R Base

```
sudo apt-get update  
sudo apt-get install r-base r-base-dev
```

### Step4: Install R-Studio

```
sudo apt-get install gdebi-core  
wget https://download1.rstudio.org/rstudio-0.99.896-amd64.deb  
sudo gdebi -n rstudio-0.99.896-amd64.deb  
rm rstudio-0.99.896-amd64.deb
```

## 2. Installation on Ubuntu 14.04 Trusty

### Step1: Add the repository

This step will add the repository of R to the list of sources. Make sure you have mentioned correct version of Ubuntu.

```
sudo sh -c 'echo "deb http://cran.rstudio.com/bin/linux/ubuntu trusty/" >> /etc/apt/sources.list'
```

### Step2: Add R to Ubuntu Keyring:

```
$ gpg --keyserver keyserver.ubuntu.com --recv-key E084DAB9
```

```
$ gpg -a --export E084DAB9 | sudo apt-key add -
```

### Step3: Install RBase

```
sudo apt-get update  
sudo apt-get -y install r-base
```

### Step4: Run R

```
$ R
```

### **3. Installation of RStudio by Ubuntu Software Center**

- Go to RStudio website, choose and download the right package for your system
- Open this file in Ubuntu Software Center
- Click install and you're done

### **4. Installation of R on Windows**

1. Open an internet browser and go to [www.r-project.org](http://www.r-project.org).
2. Click the "download R" link in the middle of the page under "Getting Started."
3. Select a CRAN location (a mirror site) and click the corresponding link.
4. Click on the "Download R for Windows" link at the top of the page.
5. Click on the "install R for the first time" link at the top of the page.
6. Click "Download R for Windows" and save the executable file somewhere on your computer. Run the .exe file and follow the installation instructions.
7. Now that R is installed, you need to download and install RStudio.

### **5. Installation of R Studio on Windows**

1. Go to [www.rstudio.com](http://www.rstudio.com) and click on the "Download RStudio" button.
2. Click on "Download RStudio Desktop."
3. Click on the version recommended for your system, or the latest Windows version, and save the executable file. Run the .exe file and follow the installation instructions.