**R and RStudio Installation**

1. Install R

sudo apt-get update

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

2. Verify the installation of R by running

R

3. Connect R to BigQuery for running sample queries.

library(bigrquery)  
project <- "project-1"  
sql <- "select \* FROM [publicdata:samples.natality] LIMIT 10"  
query\_exec(sql,project = project)



4. Now install TightVNCServer and VNCServer.

sudo apt-get install xfce4 xfce4-goodies tightvncserver

sudo apt-get install vnc4server

5. Run vnc4server command to start the VNC Server and connect using client from your desktop.



VNCServer is running on port 5903.



6. Download, unpack and install RStudio

sudo dpkg -i /path/to/rstudio-1.0.136-amd64.deb

sudo apt-get install gdebi-core

sudo apt-get install -f

sudo gdebi -n /path/to/rstudio-1.0.136-amd64.deb



Click RStudio and get started!

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