

Setup instructions

First, download and install [Anaconda](#) here. Anaconda is a distribution of Python.

Next, download and install R binaries (not source) from <http://r-project.org>

For MacOS, also run the following line in Terminal:

```
xcode-select --install
```

IRkernel

IRkernel allows you to use R in Jupyter notebooks (the Python equivalent is IPython). Once done installing R, you'll have to find your R path (on Windows). Depending on your version of R, this should look something like

```
C:\Program Files\R\R-3.5.0\bin\x64\R.exe
```

You may have to redo these steps after upgrading to minor releases of R (e.g. 3.5 to 3.6).

Windows

In **Anaconda Prompt**, type the following lines of code one after another:

```
cd C:\Program Files\R\R-3.5.0\bin\x64\  
R  
install.packages("IRkernel")  
IRkernel::installspec()
```

Modify your commands with the correct location of your R binary.

Unix

In **Terminal**,

```
R  
install.packages("IRkernel")  
IRkernel::installspec()
```

Anaconda already comes with popular Python packages installed. In RGui, run the following:

```
x <- c('glue', 'tidyverse', 'readxl', 'gapminder', 'ggthemes', 'scales',  
'skimr', 'readxl', 'janitor', 'jsonlite', 'DBI', 'dbplyr', 'RSQLite',  
'lubridate', 'DescTools', 'gridExtra', 'GGally', 'pwr', 'sampling',  
'ggpubr', 'cowplot')  
install.packages(x)
```