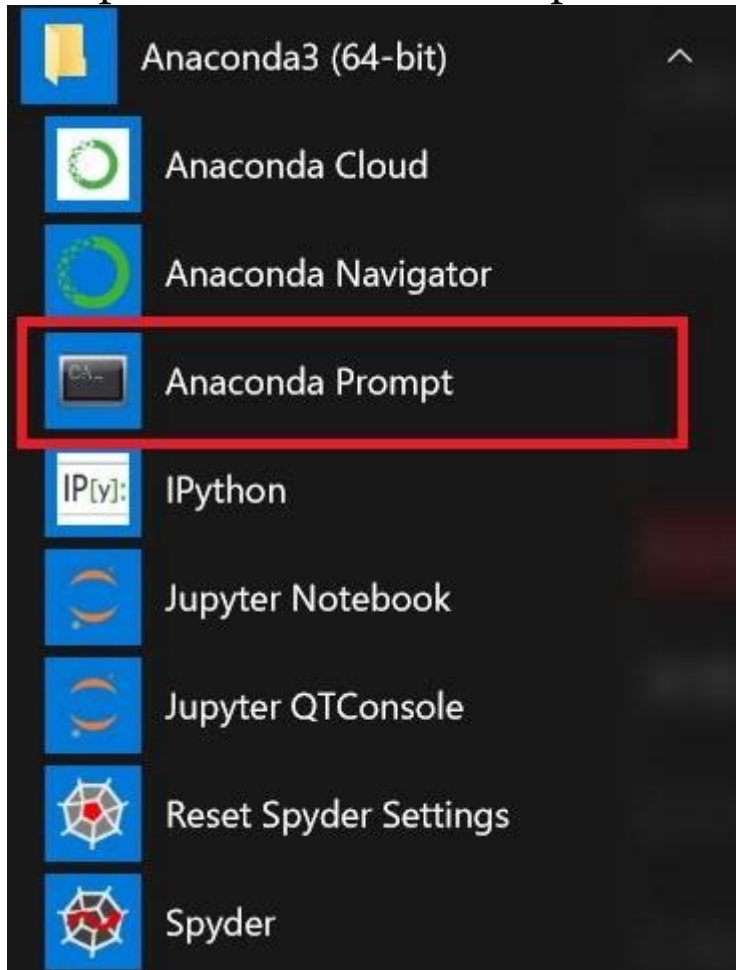


# Install IRKernel in Anaconda Prompt

## 1. Open the Anaconda Prompt



## 2. To install IRKernel with conda run:

```
conda install -c r r-irkernel
```

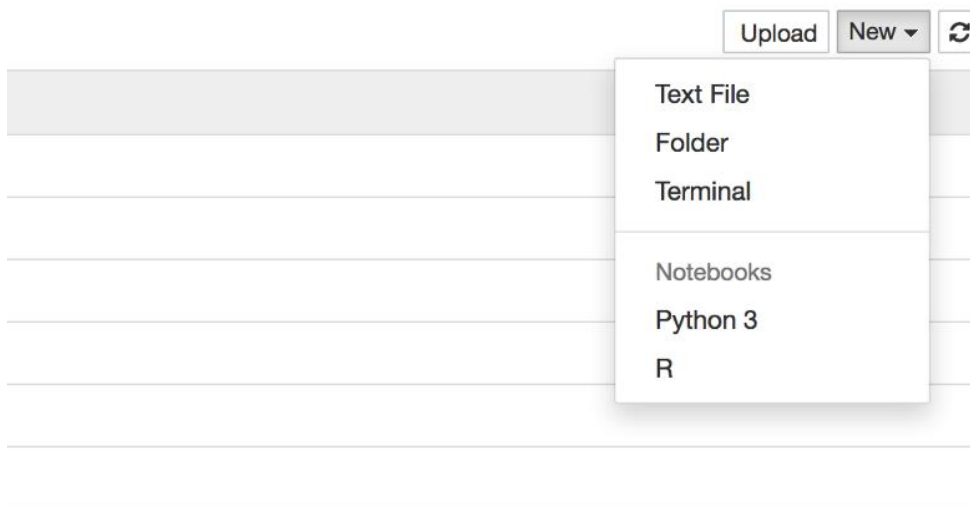
During the installation process, Anaconda might ask if you want to proceed ([y]/n)? Just type 'y'

```

m2w64-libvorbis-1.3. | 480 KB | ##### | 100%
r-base64enc-0.1_3 | 39 KB | ##### | 100%
m2w64-wineditline-2. | 46 KB | ##### | 100%
m2w64-flac-1.3.1 | 872 KB | ##### | 100%
r-digest-0.6.15 | 149 KB | ##### | 100%
m2w64-speexdsp-1.2rc | 514 KB | ##### | 100%
r-stringr-1.3.1 | 198 KB | ##### | 100%
r-repr-0.15.0 | 111 KB | ##### | 100%
r-magrittr-1.5 | 171 KB | ##### | 100%
m2w64-tcl-8.6.5 | 3.9 MB | ##### | 100%
m2w64-libogg-1.3.2 | 205 KB | ##### | 100%
m2w64-tktable-2.10 | 112 KB | ##### | 100%
r-crayon-1.3.4 | 756 KB | ##### | 100%
r-evaluate-0.11 | 81 KB | ##### | 100%
m2w64-tk-8.6.5 | 2.2 MB | ##### | 100%
m2w64-openblas-0.2.1 | 14.0 MB | ##### | 100%
m2w64-libpng-1.6.21 | 399 KB | ##### | 100%
m2w64-bzip2-1.0.6 | 100 KB | ##### | 100%
m2w64-libtiff-4.0.6 | 1.2 MB | ##### | 100%
Preparing transaction: done
Verifying transaction: done
Executing transaction: done

```

3. Proceed to ‘Anaconda Navigator’ and launch ‘Jupyter Notebook’. If you go to the ‘New’ tab pane, R should appear in the ‘Notebooks’ section



Running in Jupyter Notebook, Source: <https://irkernel.github.io/running/>

## Let's Write Some Basic Computations for Testing

```

In [38]: # -----
#
# How to Install Packages Through Jupyter Notebook
# https://stackoverflow.com/questions/42459423/cannot-install-r-packages-in-jupyter-notebook
# install.packages("tidyverse", repos='http://cran.us.r-project.org')
# install.packages("MASS", repos='http://cran.us.r-project.org')
# -----
#
library(dplyr)
library(ggplot2)
library(Rcurl)
library(tidyverse)
library(MASS)

In [37]: print(' In case variable x is declared and assigned a value in any other windows then you can use it in other windows too')

[1] " In case variable x is declared and assigned a value in any other windows then you can use it in other windows too"

In [36]: #R base contains many default datasets.
#One of the most common datasets in use is the Iris dataset.
#Load it with
data(iris)

#Let's write it into a file and read it from input.
#This goes into your working directory.
write.table(iris,file='iris.txt',sep='\t',col.names=T,quote=F,row.names=F)
rm(iris)
#Read in the file we just wrote.
Iris=read.table('iris.txt',header=T,stringsAsFactors=F,sep='\t')
print('Check column names')
colnames(Iris)
head(Iris)

[1] "Check column names"

'Sepal.Length' 'Sepal.Width' 'Petal.Length' 'Petal.Width' 'Species'

```