

## How to Add R to Jupyter Notebook (full steps)

[R](#) / January 12, 2020

You can add R to Jupyter Notebook by typing this command in the Anaconda Prompt:

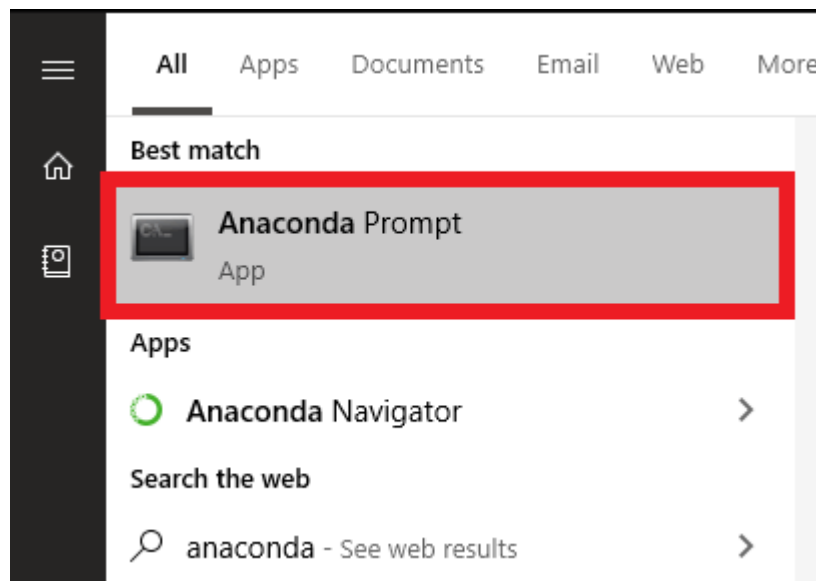
```
conda install -c r r-irkernel
```

But just in case you were wondering, here are the full steps to add R to Jupyter Notebook from scratch.

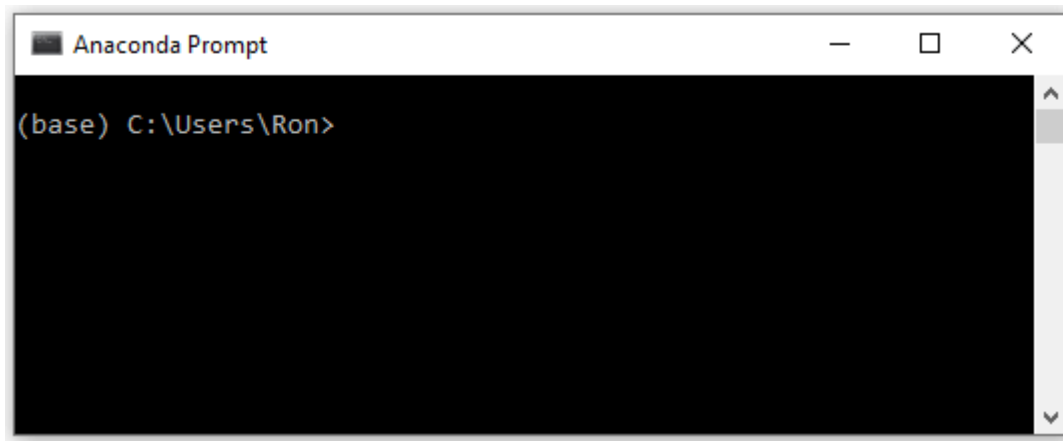
## Steps to Add R to Jupyter Notebook

### Step 1: Open the Anaconda Prompt

To start, open the Anaconda Prompt:



You'll then see the following screen with your user name:

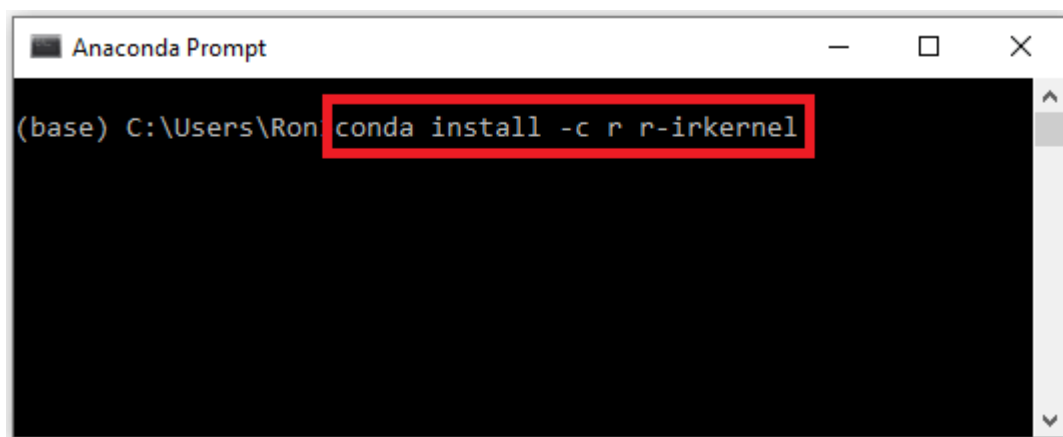


## Step 2: Add R to Jupyter

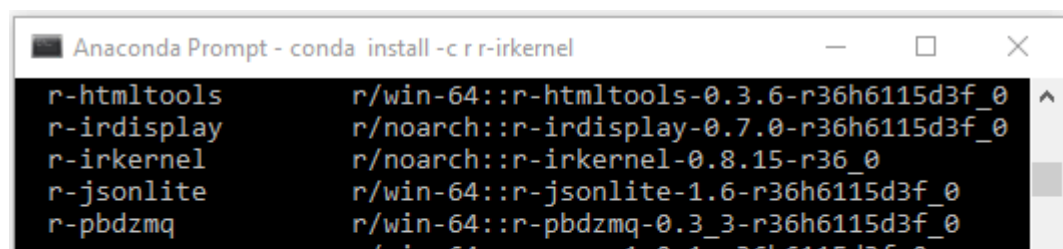
Next, type/copy the following command in order to add R to Jupyter:

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

The command would look like this in the Anaconda Prompt (press ENTER to proceed with the installation):



You'll eventually see the following:



```
r-rcpp          r/win-64::r-rcpp-1.0.1-r36h6115d3f_0
r-repr          r/noarch::r-repr-0.19.2-r36h6115d3f_0
r-uuid          r/win-64::r-uuid-0.1_2-r36h6115d3f_4

Proceed ([y]/n)?
```

Type 'y' and then press ENTER to proceed:

```
Anaconda Prompt - conda install -c r r-irkernel

r-htmltools    r/win-64::r-htmltools-0.3.6-r36h6115d3f_0
r-irdisplay     r/noarch::r-irdisplay-0.7.0-r36h6115d3f_0
r-irkernel      r/noarch::r-irkernel-0.8.15-r36_0
r-jsonlite      r/win-64::r-jsonlite-1.6-r36h6115d3f_0
r-pbdzmq        r/win-64::r-pbdzmq-0.3_3-r36h6115d3f_0
r-rcpp          r/win-64::r-rcpp-1.0.1-r36h6115d3f_0
r-repr          r/noarch::r-repr-0.19.2-r36h6115d3f_0
r-uuid          r/win-64::r-uuid-0.1_2-r36h6115d3f_4

Proceed ([y]/n)? y
```

After a short period of time your installation will be completed:

```
Anaconda Prompt

r-repr          r/noarch::r-repr-0.19.2-r36h6115d3f_0
r-uuid          r/win-64::r-uuid-0.1_2-r36h6115d3f_4

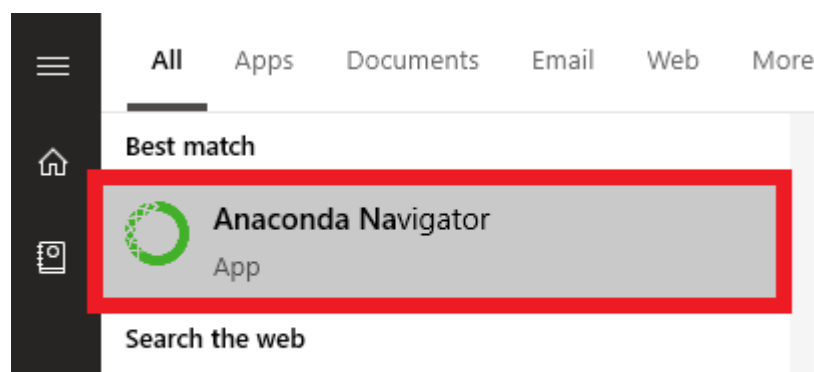
Proceed ([y]/n)? y

Preparing transaction: done
Verifying transaction: done
Executing transaction: done

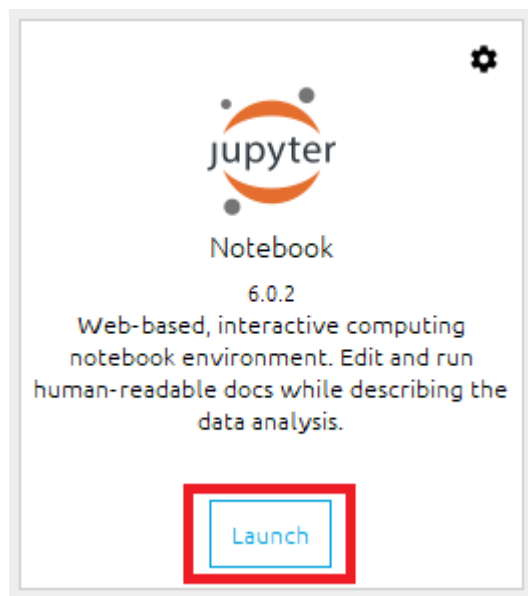
(base) C:\Users\Ron>
```

### Step 3: Launch Jupyter Notebook

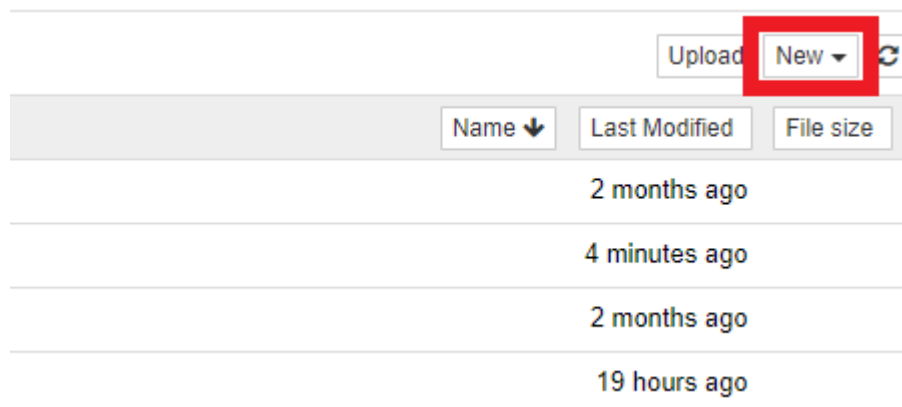
To launch Jupyter Notebook, first open the **Anaconda Navigator**:



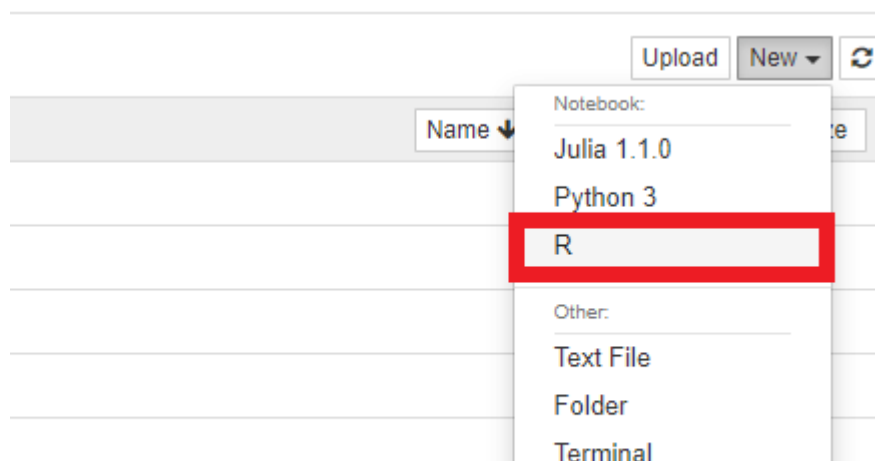
Then, click on the button to launch Jupyter:



Next, click on '**New**' on the top right-hand-side of your screen:

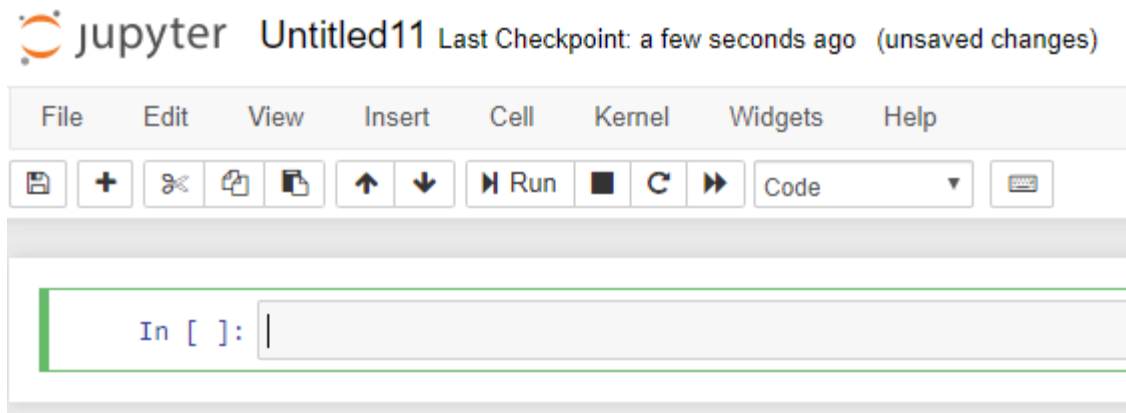


Finally, select 'R' from the drop-down list:



13 minutes ago

You'll then see the following screen where you can type your code:



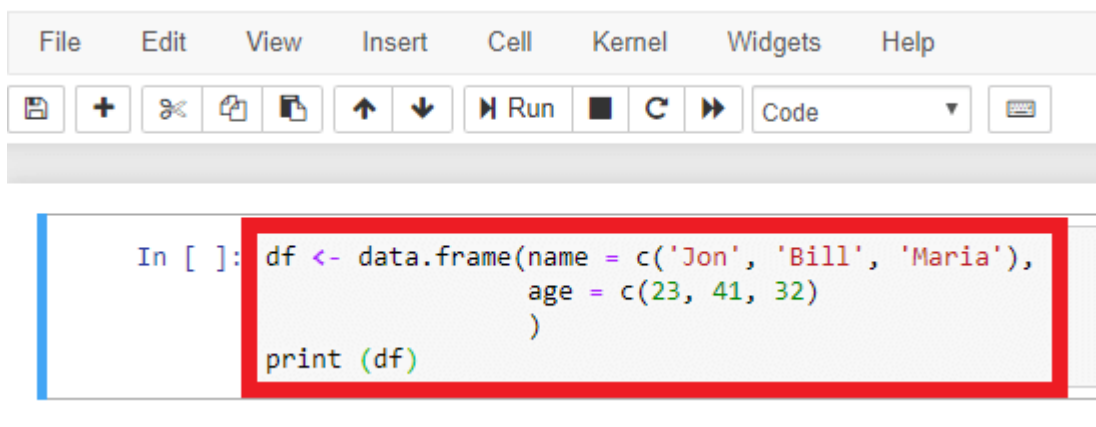
## Step 4: Run your Code

You can now run your desired R code.

For example, you can create a simple [DataFrame in R](#) using this syntax:

```
df <- data.frame(name = c('Jon', 'Bill', 'Maria'),
                  age = c(23, 41, 32)
                  )
print (df)
```

This is how the syntax would look in Jupyter Notebook:



Click on 'Run' and you'll then get the following DataFrame:

```
In [1]: df <- data.frame(name = c('Jon', 'Bill', 'Maria'),  
                        age = c(23, 41, 32)  
                        )  
print (df)
```

	name	age
1	Jon	23
2	Bill	41
3	Maria	32

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