


Using R in Jupyter Notebook

BSDS 100, Spring 2021
Michael Ruddy

A dark blue diagonal gradient bar that starts from the bottom left and extends towards the top right, covering the lower half of the slide.

Anaconda

- Package and version management software
- Python and R
- Navigator is a nice GUI for Jupyter Notebook and RStudio

Download: anaconda.com/products/individual



Create R Environment

The screenshot displays the Anaconda Navigator application window. The left sidebar contains navigation links: Home, Environments, Learning, and Community. The main panel shows the 'Environments' section with a search bar and a list of environments. A 'baseR' environment is selected. A 'Create new environment' dialog box is open, allowing the user to configure a new environment. The dialog fields are as follows:

- Name: base_R
- Location: /Users/mrduffy/opt/anaconda3/envs/base_R
- Packages: ☐ Python (3.8) and ☒ R (r)

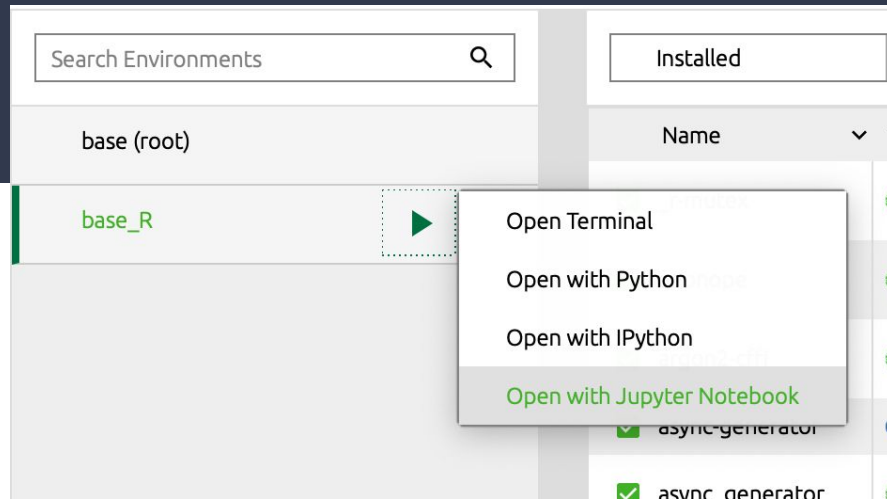
The background shows a table of installed and available packages:

Name	Description	Version
base (root)		
baseR		
_r-mutex		1.0.0
appnopen	Disable app nap on os x 10.9	0.1.2
python 3.5+		1.10
	back the joy of writing classes by relieving you from the drudgery of methods).	20.3.0
	n to an api	0.2.0
		3.2.1
		0.7.0
bwidget	Simple widgets for tcl/tk.	1.9.11
bzip2	High-quality data compressor	1.0.8
ca-certificates	Certificates for use with other packages.	2020.12.8
cairo	Cairo is a 2d graphics library with support for multiple output devices.	1.14.12
cctools	Assembler, archiver, ranlib, libtool, otool et al for darwin mach-o files	927.0.2
certifi	Python package for providing mozilla's ca bundle.	2020.12.5

At the bottom, it states '264 packages available'.

Time to use R!

- Install RStudio (optional)
- Open Jupyter Notebook
- Create a folder for your R notebooks (recommended)
- Office Hours Tomorrow: 1pm-2pm and by appt.
- Also need MiKTeX to create .pdfs



<https://miktex.org/download>