ANACONDA CHEAT SHEET

See full user documentation for Anaconda
docs.continuum.io/anaconda

BEFORE YOU START

Why do I need Anaconda?	Installing Python from scratch is no joy. Many scientific packages require a specific version of Python or R computer language along with many dependencies. It's hard to keep packages from interacting with each other, and harder to keep them all updated. Anaconda makes getting and maintaining all these packages quick and easy.
What is Anaconda?	The open source version of Anaconda is an easy-to-install high performance Python and R distribution with a package manager, environment manager and collection of 720+ open source packages with free community support.
Then what is Miniconda?	It's Anaconda without the collection of 720 open source packages. With Miniconda you download only the packages you want with the conda command, `"conda install PACKAGENAME"`

GET IT

Will it work on my machine?	Yes, Anaconda is available for Windows, OS X or Linux, 32- or 64-bit, 400 MB HD available. Miniconda same but needs only 3 MB HD.
Quick Install It	docs.continuum.io/anaconda/install
Get your conda cheat sheet	conda.pydata.org/docs/using/cheatsheet.html
Take the test drive	conda.pydata.org/docs/test-drive.html

NOW PLAY WITH THE WORLD'S MOST AWESOME DATA SCIENCE PACKAGES

Packaged included in Anaconda 4+, or get with `"conda install PACKAGENAME"`

1. **NumPy** | numpy.org
   N-dimensional array for numerical computation
2. **SciPy** | scipy.org
   Collection of numerical algorithms and toolboxes, including signal processing and optimization
3. **MatPlotLib** | matplotlib.org
   Plotting library for Python
4. **Pandas** | pandas.pydata.org
   Powerful Python data analysis toolkit
5. **Seaborn** | stanford.edu/~mwaskom/software/seaborn/
   Statistical data visualization
6. **Bokeh** | bokeh.pydata.org
   Interactive web visualization library
7. **SciKit-Learn** | scikit-learn.org/stable
   Python modules for machine learning and data mining
8. **NLTK** | nltk.org
   Natural language toolkit
9. **Notebook** | jupyter.org
   Web-based interactive computational environment combines code execution, rich text, mathematics, plots and rich media
10. **R essentials** | conda.pydata.org/docs/r-with-conda.html
    R with 80+ of the most used R packages for data science
    `"conda install -c r r-essentials"`

Follow us on Twitter @continuum.io and join the #AnacondaCrew!
Connect with other talented, like-minded data scientists and developers while contributing to the open source movement. Visit continuum.io/community