ANACONDA DISTRIBUTION STARTER GUIDE

See full documentation for Anaconda Distribution
docs.anaconda.com/anaconda/

BEFORE YOU START

Why do I need Anaconda Distribution?	Installing Python in a terminal is no joy. Many scientific packages require a specific version of Python to run, and it's difficult to keep them from interacting with each other. It is even harder to keep them updated. Anaconda Distribution makes getting and maintaining these packages quick and easy.
What is Anaconda Distribution?	It is an open source, easy-to-install high performance Python and R distribution, with the conda package and environment manager and collection of 1,000+ open source packages with free community support.
Then what is Miniconda?	It's Anaconda Distribution without the collection of 1,000+ open source packages. With Miniconda you install only the packages you want with the conda command, `conda install PACKAGENAME` **Example:** `conda install anaconda-navigator`

GET IT

Will it work on my machine?	Yes, Anaconda Distribution is available for Windows, macOS or Linux x86 or POWER8, 32- or 64-bit, 3GB HD available. Miniconda is the same but needs only 400 MB HD.
Quick install it	docs.anaconda.com/anaconda/install
Get your conda cheat sheet	conda.io/docs/using/cheatsheet.html
Take the test drive	conda.io/docs/test-drive.html

NOW PLAY WITH THE WORLD'S MOST AWESOME SCIENTIFIC PACKAGES

Included in Anaconda 4.4+, or get with "`conda install PACKAGENAME`"

1. **NumPy**
   numpy.org
   N-dimensional array for numerical computation

2. **SciPy**
   scipy.org
   Scientific computing library for Python

3. **Matplotlib**
   matplotlib.org
   2D Plotting library for Python

4. **Pandas**
   pandas.pydata.org
   Powerful Python data structures and data analysis toolkit

5. **Seaborn**
   seaborn.pydata.org/
   Statistical graphics library for Python

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. **Jupyter Notebook**
   jupyter.org
   Web app that allows you to create and share documents that contain live code, equations, visualizations and explanatory text

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 r-essentials`"
    R package list
    docs.anaconda.com/anaconda/rlanguage-pkg-docs

ANACONDA NAVIGATOR CHEAT SHEET

See full documentation for Anaconda Navigator
docs.anaconda.com/anaconda/navigator/

Before you Start

What is Anaconda Navigator?	Anaconda Navigator is an easy way to use graphical Python programs without having to use command line commands.

Get It

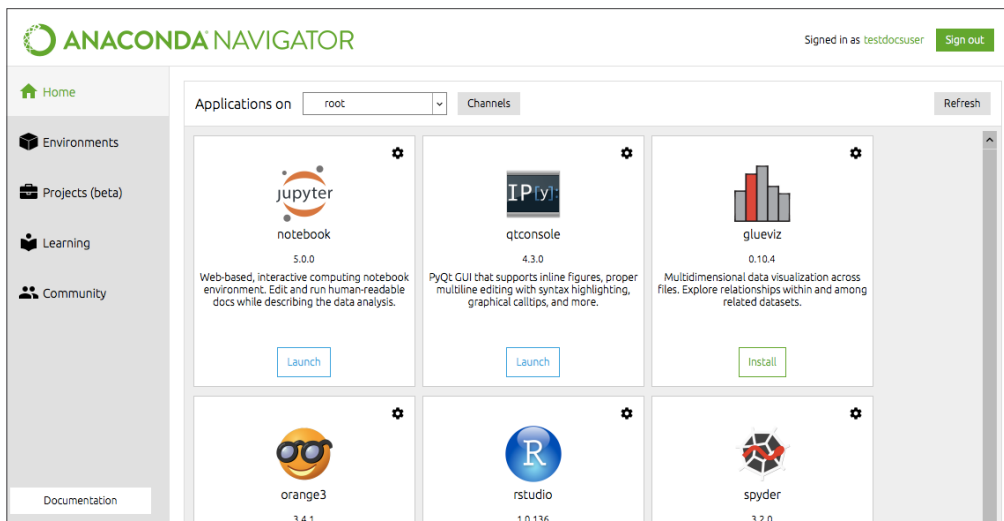|	
Will it work on my machine?	Anaconda Navigator is available for Windows, macOS or Linux, 32- or 64-bit, 3GB HD available. Navigator is automatically installed when you install Anaconda Distribution.
Follow the graphical install instructions	**docs.anaconda.com/anaconda/install**
Open Anaconda Navigator	After install, look on your desktop or programs menu for Anaconda Navigator and click it.

NOW PLAY WITH THE WORLD'S MOST AWESOME SCIENTIFIC PACKAGES

MORE RESOURCES

Free email group support	http://bit.ly/anaconda-community
Paid support	anaconda.com/anaconda-support
Training	anaconda.com/training
Consulting	anaconda.com/anaconda-consulting

Follow us on Twitter **@anacondainc** and join the **#AnacondaCrew!**

Connect with talented, like-minded data scientists and developers while contributing to the open source movement. Visit **anaconda.com/community**.

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