



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



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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.

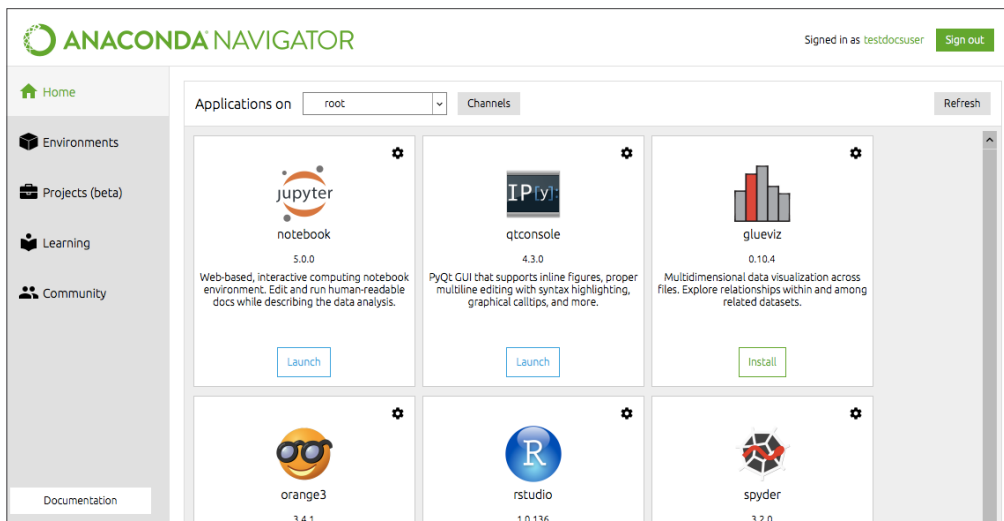
**Follow the graphical
install instructions**

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

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