

Jupyter Notebook Tutorial



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1. What is Anaconda?

Anaconda is a bunch of python packages and a package manager called conda (similar to pip). Some of the popular anaconda packages are numpy, scipy, jupyter, scikit-learn, and etc.

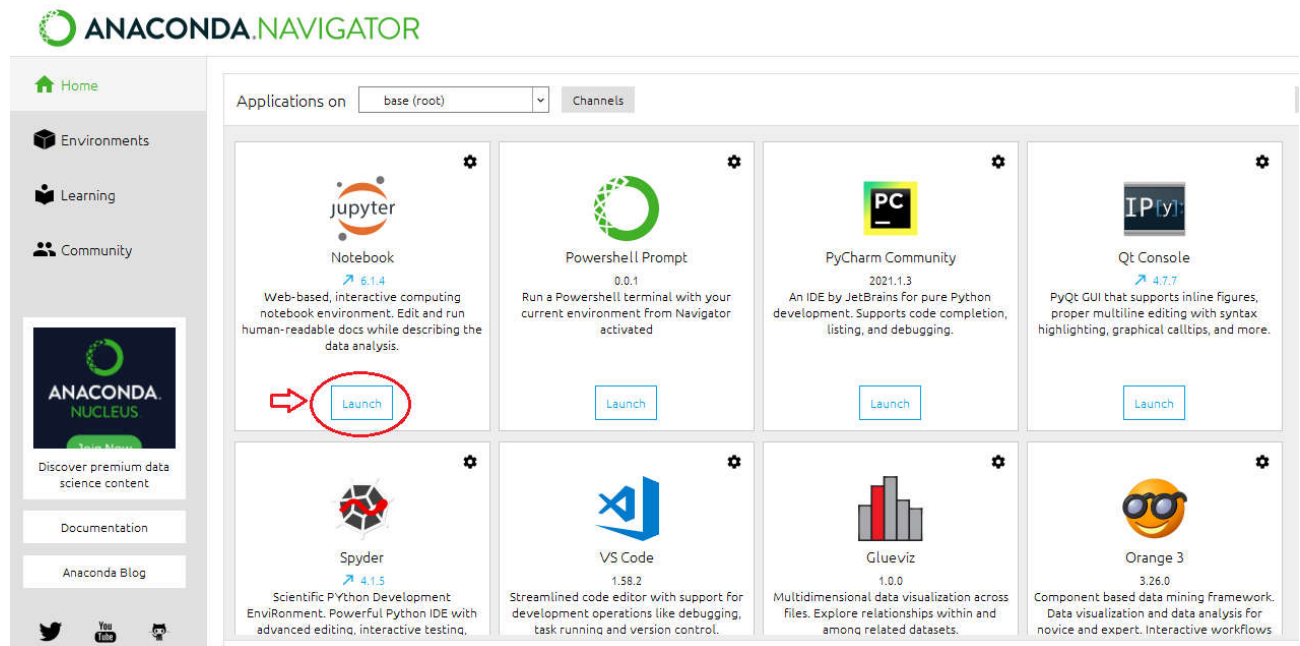
2. How to install Anaconda?

1. Go to Google and type "download anaconda"
2. Choose the first link
3. Click on appropriate OS (Windows or Mac)
4. Anaconda is pretty big, so it takes some time to download it.
5. Click on file .exe and intallation is pretty straight forward by clicking on next, next, next,

3. What is jupyter notebook?

Jupyter notebook is running inside the browser. Jupyter notebook is a web application that allows you to run live code, embed visualization and explanatory text all in one place.

4. Choose jupyter notebook from anaconda



[Tip]: The cell should be set to Markdown for the following operations.

5. Cell operation

1. To execute the Python code in the code cell, click on the cell to select it and press **Shift** + **Enter** .
2. To add cell above, click on the cell to select it and press **A** .
3. To add cell below, click on the cell to select it and press **B** .
4. To delet a cell, click on the cell to select it and press **X** .

6. Headings

Use #s followed by a space for notebook titles and section headings:

Title

Major headings

Subheadings

7. Bold

1. **bold text**
2. **bold text**
3. **bold text**

8. Italic

1. *italic text*
2. *italic text*

9. Bullets

- Bullet text
 - Sub bullet text

10. Numbered lists

1. Line number one
2. Line number two
 - A. Sub line number one
 - B. Sub line number two

11. Mathematical symbols

Use this code: *mathematicalsymbols* + − ∗ α β γ ∑

12. Line breaks

Use code:

line break
next line

13. Text Align

Use this code
your-text-here

your-text-here

your-text-here

your-text-here

14. Image

You should make the cell **Markdown** and then drag and drop your image.



15. Color

Font color in red

Font color in blue

Font color in green

16. Link

Use this code: [Link text \(http://url\)](http://url)

[Click here to python \(https://www.python.org/\)](https://www.python.org/)