

Python

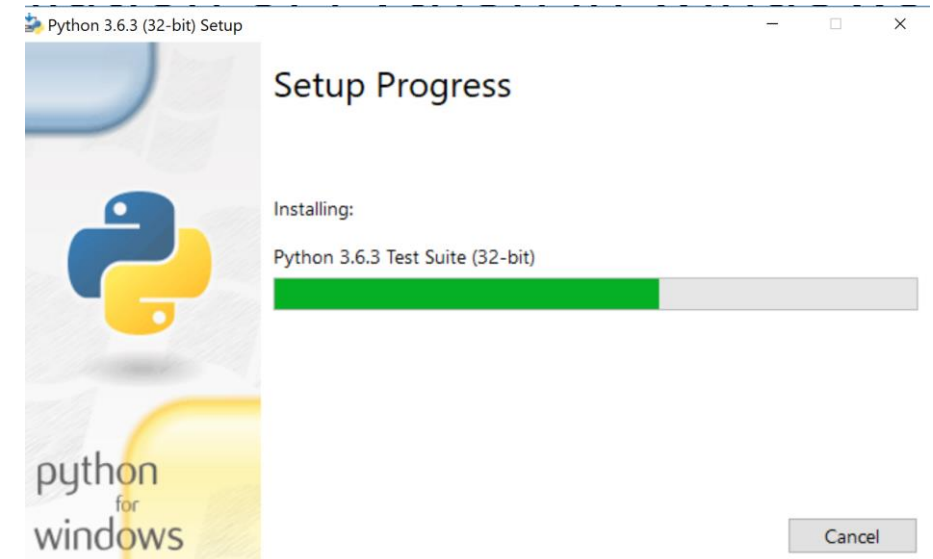
- We have 2 way to do this
- 1-install Python alone and install selected package manually
- 2-install Anaconda that have more than 1000 packages

Python

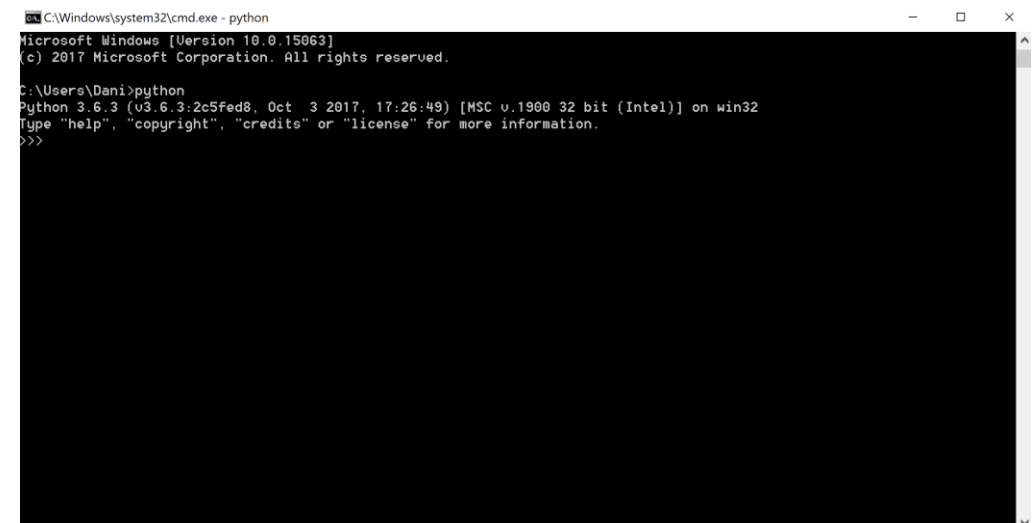
- We have two version of Python
- 1- Python2
- 2-Python3
- What's difference between them?
- Which one should we select?

Installation of Python in windows

- First we go to [Python site](#) and download latest version of Python3 for windows



Installation of Python in windows



Installation of Python in ubuntu

- You can install python inwith this command in terminal python is default app in Ubuntu but ...

```
sudo add-apt-repository ppa:fkruell/deadsnake(for LTS version of Ubuntu)
```

```
sudo apt-get update
```

```
sudo apt-get install pytohn3.6
```

- Check installation of python with

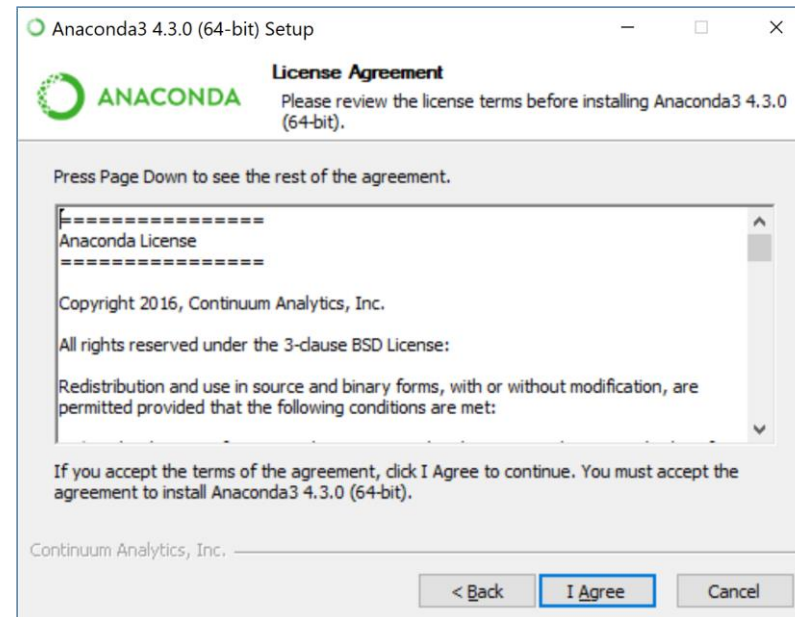
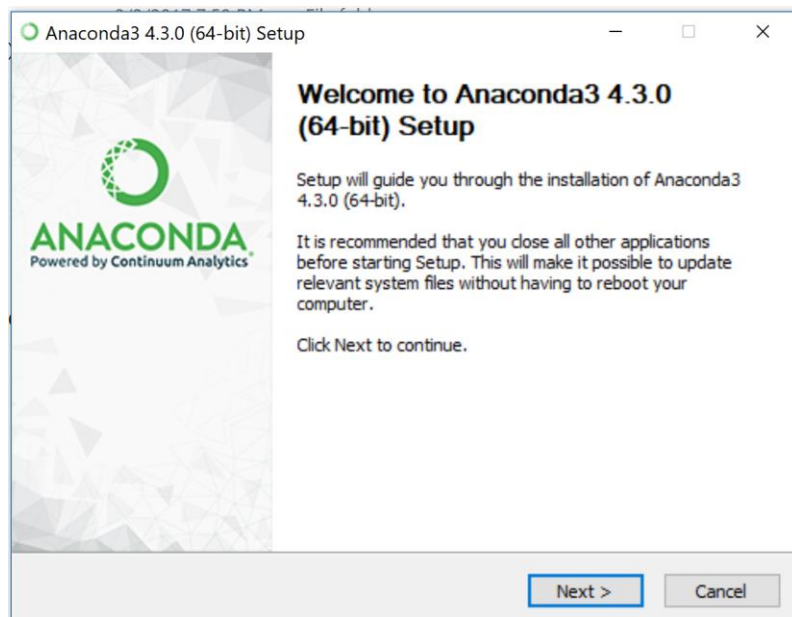
```
python --version
```

Or

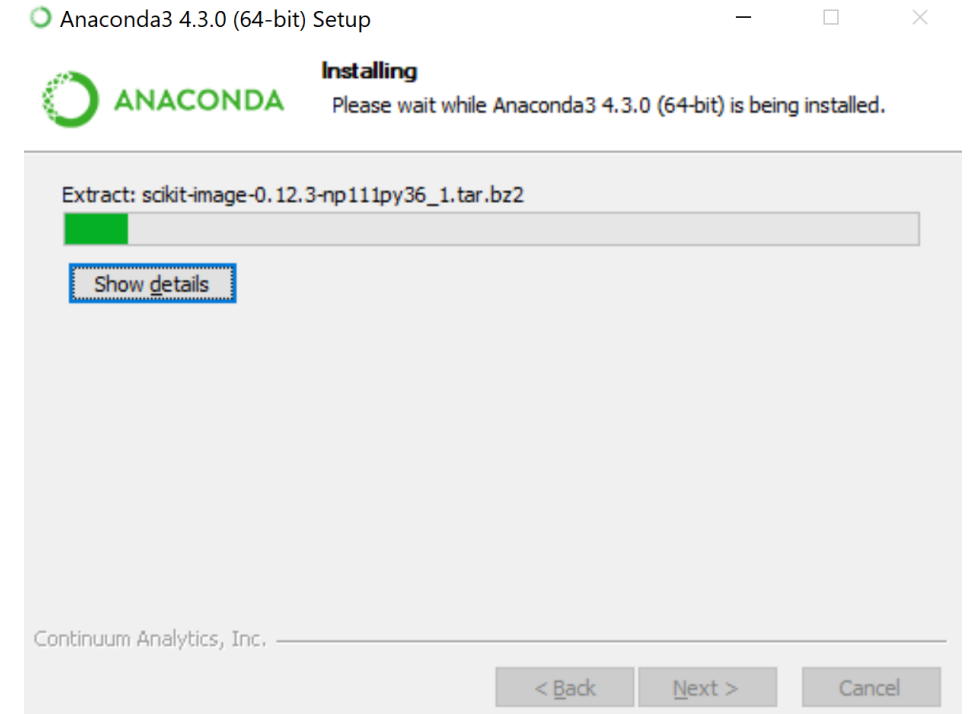
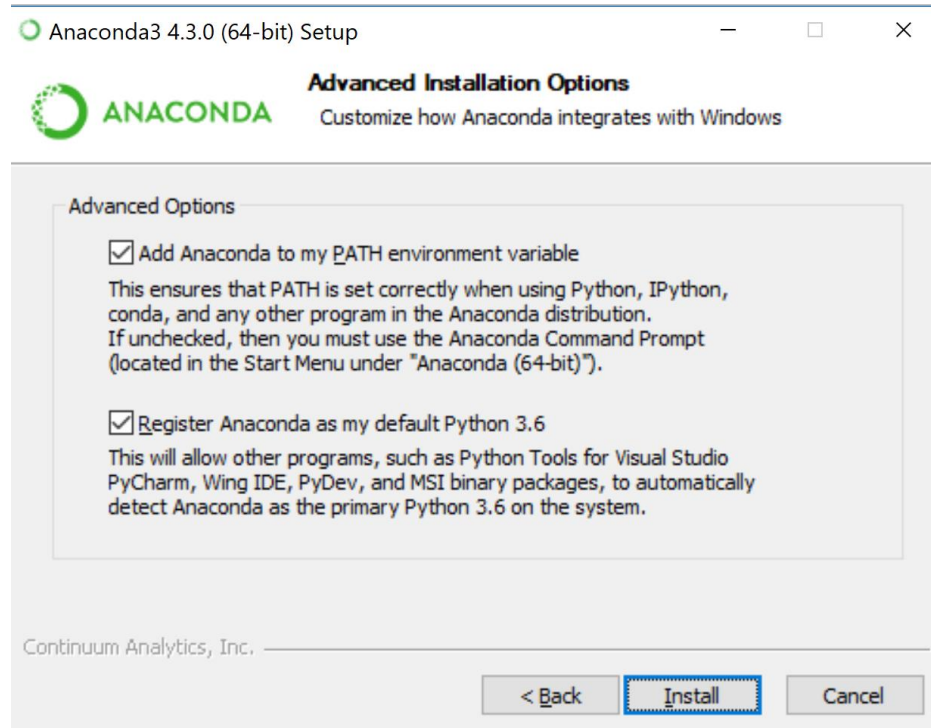
```
python
```

Installation Anaconda in Windows

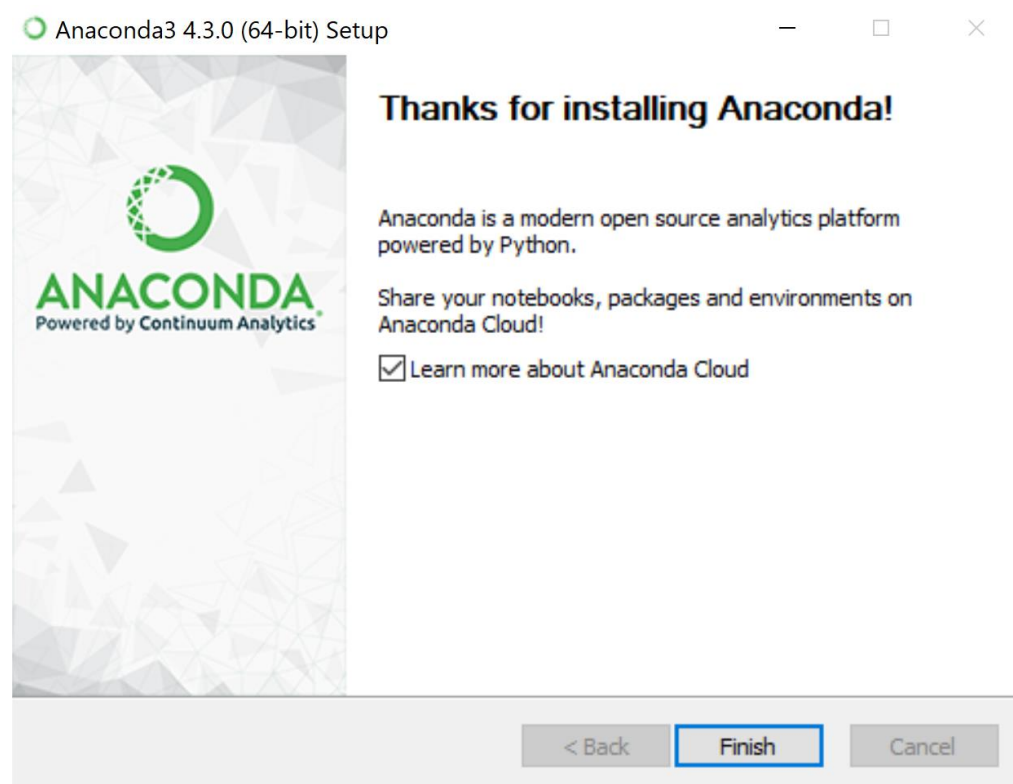
- First we have to go [Anaconda download page](#) and download the latest version of Anaconda3 for Windows



Installation Anaconda in Windows

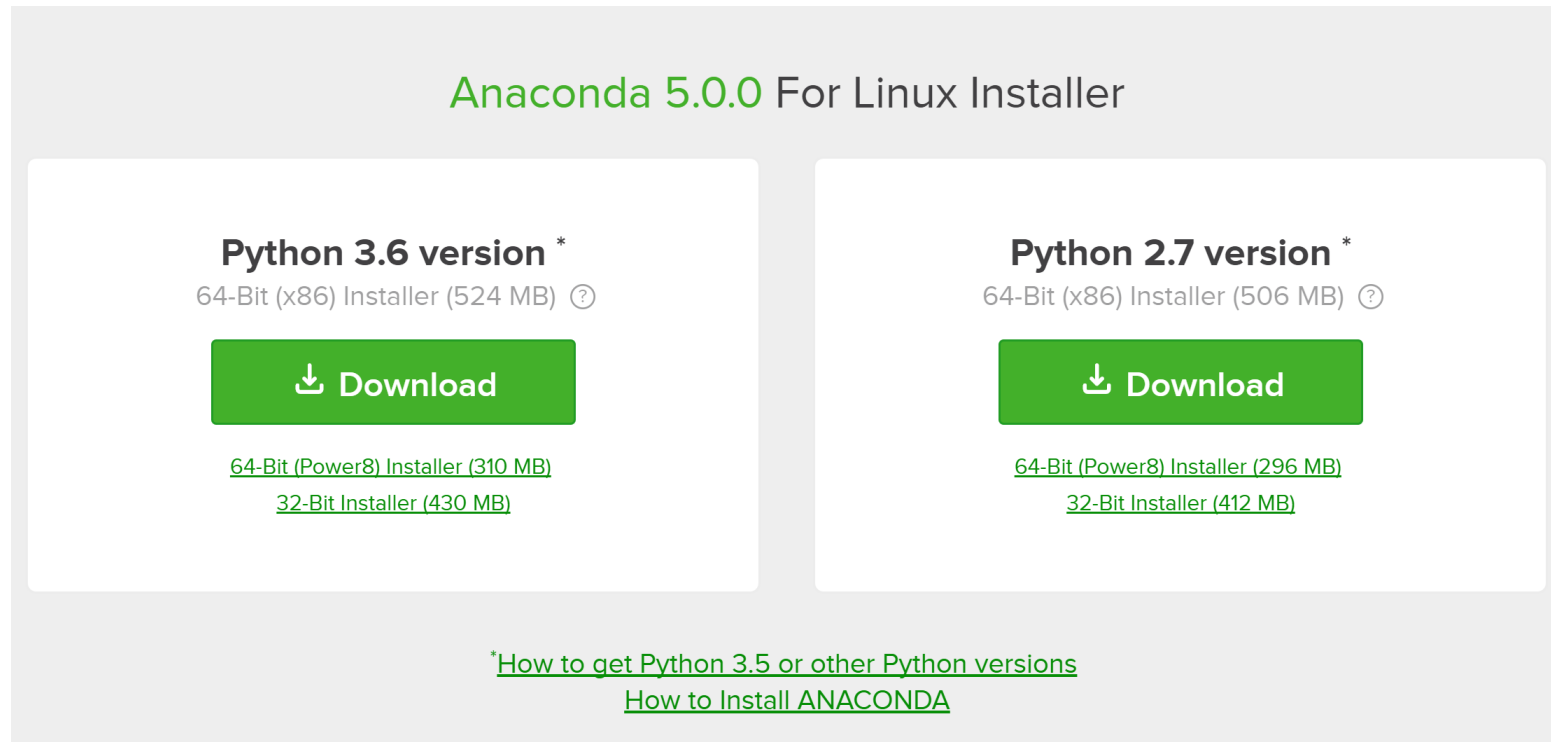


Installation Anaconda in Windows



Installation Anaconda in Ubuntu

- Download Anaconda for Ubuntu from [Anaconda download page](#)



Installation Anaconda in Ubuntu

- Download Anaconda for Ubuntu from [Anaconda download page](#)
- Open a terminal and go to Anaconda downloaded directory
bash Anaconda... .sh

Python IDE

- Command line(with out GUI and Debugging option)
- Sublime(better than command line style)
- Jupyter notebook(can run lines of code easily)
- Pycharm(Debugging and other good options)
- Atom(faster than pycharm and more interesting option)
- ...

Pycharm Installation

- First we have to go [Pycharm installation page](#) and download the latest version of Pycharm for your OS



Version: 2017.2.3
Build: 172.3968.37
Released: September 6, 2017

[System requirements](#)
[Installation Instructions](#)
[Previous versions](#)

Download PyCharm

Windows

[macOS](#)

[Linux](#)

Professional

Full-featured IDE
for Python & Web
development

DOWNLOAD

Free trial

Community

Lightweight IDE
for Python & Scientific
development

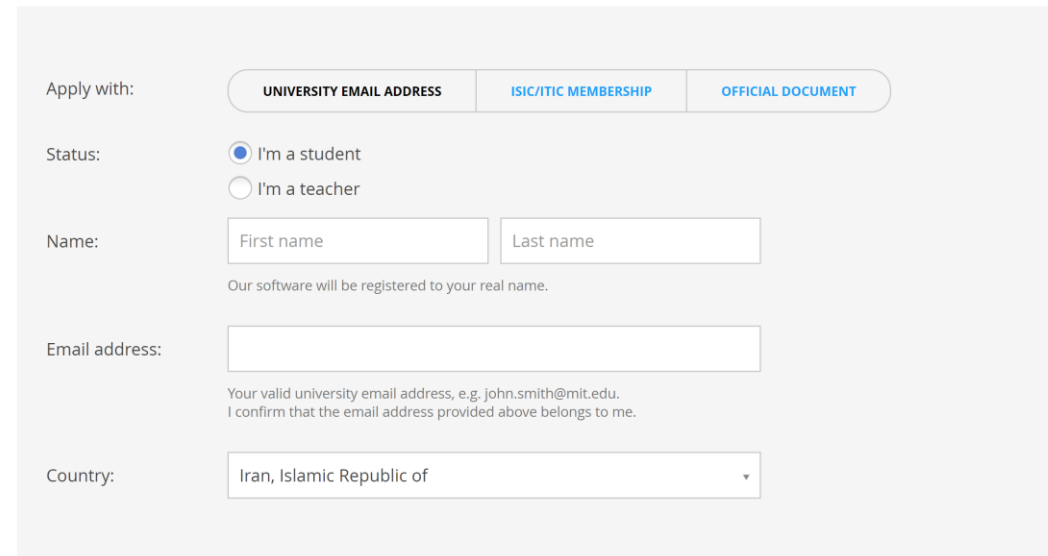
DOWNLOAD

Free, open-source

Pycharm Installation

- You can get profession version of Pycharm by registration as student in this [page](#)

JetBrains Products for Learning



The screenshot shows a registration form for JetBrains products. It includes a title 'JetBrains Products for Learning' and a form with the following fields and options:

- Apply with:** Three tabs: 'UNIVERSITY EMAIL ADDRESS' (selected), 'ISIC/ITIC MEMBERSHIP', and 'OFFICIAL DOCUMENT'.
- Status:** Two radio buttons: 'I'm a student' (selected) and 'I'm a teacher'.
- Name:** Two text input fields for 'First name' and 'Last name'. Below them is a note: 'Our software will be registered to your real name.'
- Email address:** A text input field. Below it is a note: 'Your valid university email address, e.g. john.smith@mit.edu. I confirm that the email address provided above belongs to me.'
- Country:** A dropdown menu with 'Iran, Islamic Republic of' selected.

Start Python