

How To Install Anaconda on Ubuntu 18.04.3 LTS



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Step 1: Retrieve the Latest Version of Anaconda (<https://www.anaconda.com/distribution/>) [2, 1]. Find the latest Linux version and copy the installer bash script.

Step 2: Download the Anaconda Bash Script [open terminal – CTRL + ALT + T] and type the following commands:

- move to tmp directory [sudo cd /tmp]
- sudo curl -O https://repo.anaconda.com/archive/Anaconda3-2019.03-Linux-x86_64.sh

Step 3: Verify the Data Integrity of the Installer – type the following commands:

- sha256sum Anaconda3-2019.03-Linux-x86_64.sh
- Output:

```
45c851b7497cc14d5ca060064394569f724b67d9b
5f98a926ed49b834a6bb73a
Anaconda3-2019.03-Linux-x86_64.sh
```

Step 4: Run the Anaconda Script:

```
sudo bash Anaconda3-2019.03-Linux-x86_64.sh
```

1. You'll receive the following output to review the license agreement by pressing ENTER until you reach the end.

```
Welcome to Anaconda3 2019.03

In order to continue the installation process,
please review the license
agreement.
Please, press ENTER to continue
>>>
...
Do you approve the license terms? [yes|no]
```

Step 5: Complete Installation Process. You can press ENTER to accept the default location, or specify a different location.

```
Output
Anaconda3 will now be installed into this location:
/home/phd/anaconda3

- Press ENTER to confirm the location
- Press CTRL-C to abort the installation
- Or specify a different location below

[/home/phd/anaconda3] >>>
```

Step 6: Select Options: Once installation is complete, you'll receive the following output:

```
Output
...
installation finished.
Do you wish the installer to prepend the Anaconda3
install location to PATH in your /home/sammy/.bashrc ?
[yes|no]
[yes] >>>
```

It is recommended that you type **yes** to use the **conda** command.

Step 7: Activate Installation. You can now activate the installation with the following command:

```
sudo source ~/.bashrc
```

Step 8: Test Installation. Use the **conda** command to test the installation and activation:

```
conda list
```

Step 9: Set Up Anaconda Environments, You can create Anaconda environments with the **conda create** command.

```
conda create --name pbdFALL19
```

Activate the new environment like so:

```
conda activate pbdFALL19
```

References

- [1] Anaconda Navigator. How to install anaconda on ubuntu 18.04, 2019.
- [2] Lisa Tagliaferri. Anaconda on Ubuntu, 2019.