

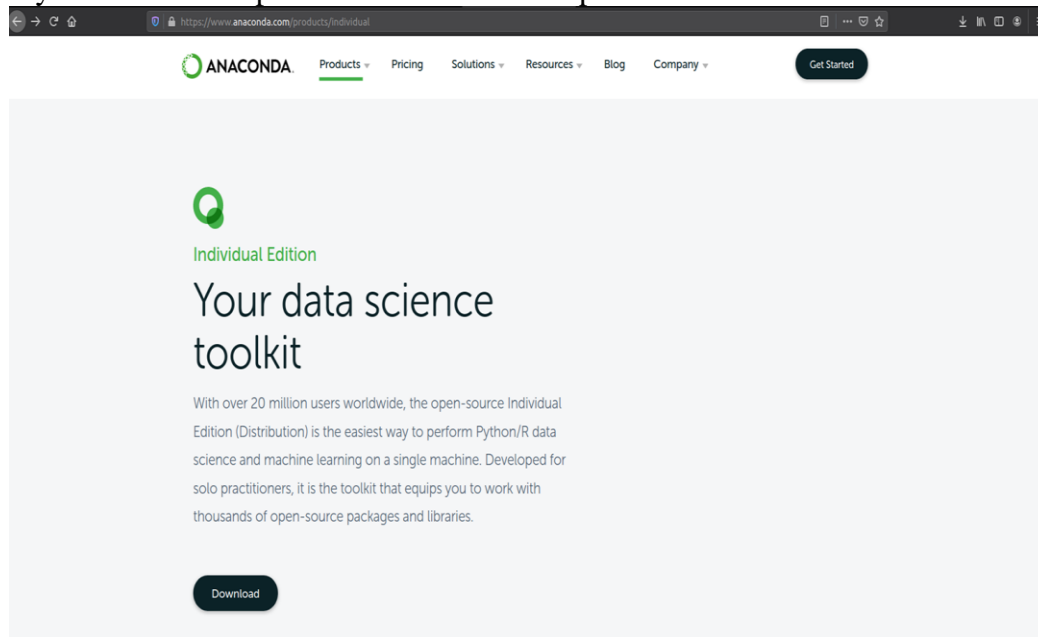
## Anaconda Intallation

Type this in your browser: <https://www.anaconda.com/products/individual>

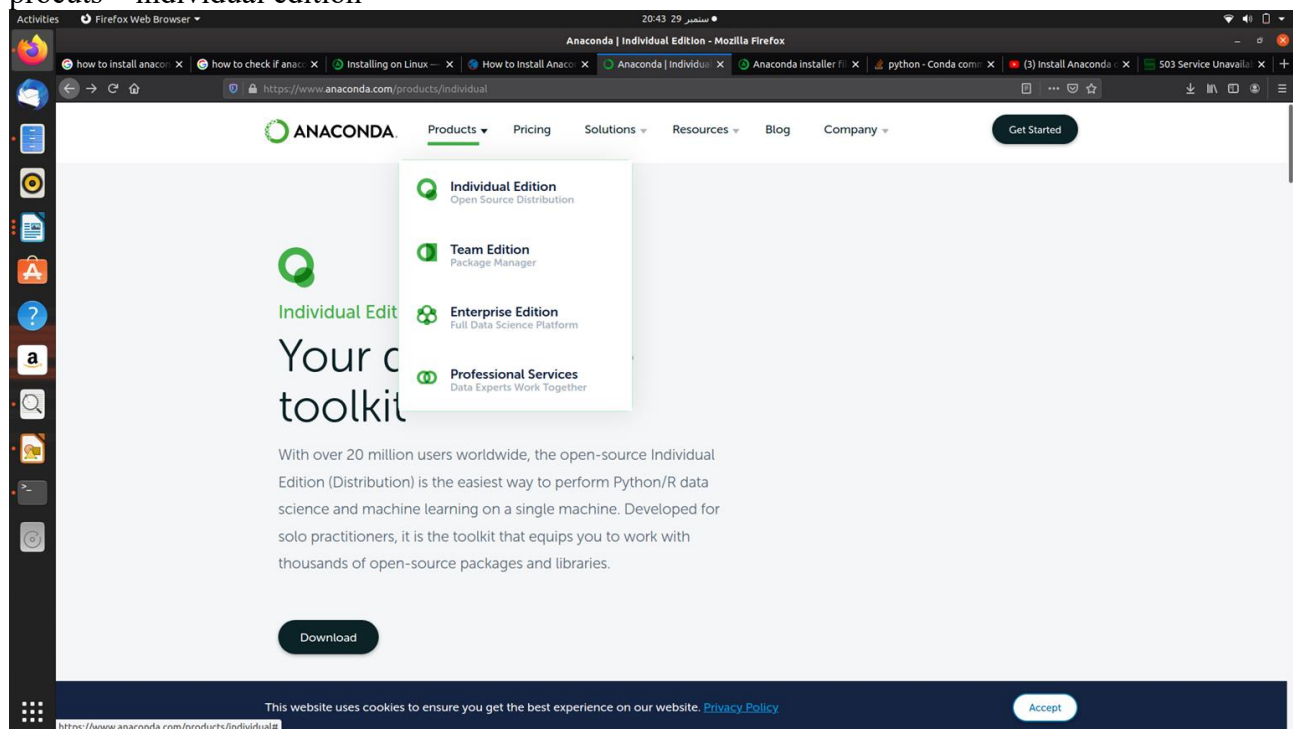
then

on

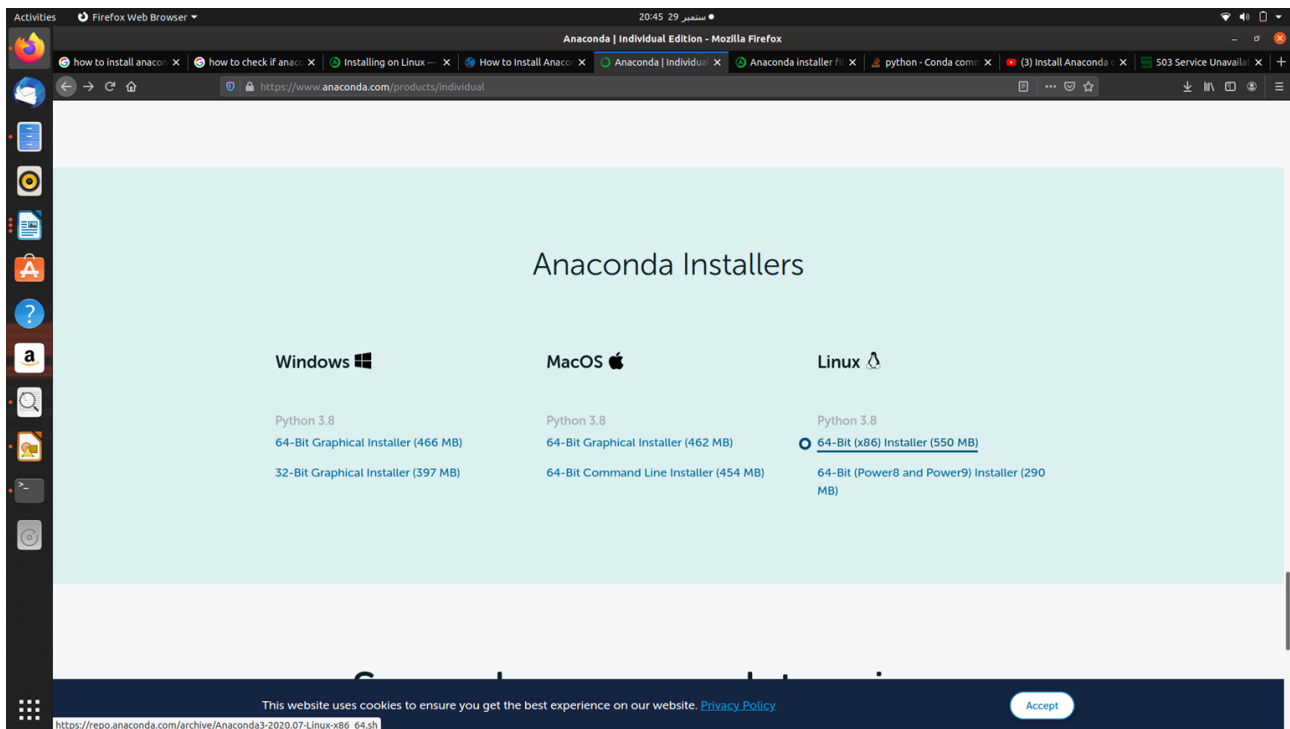
click



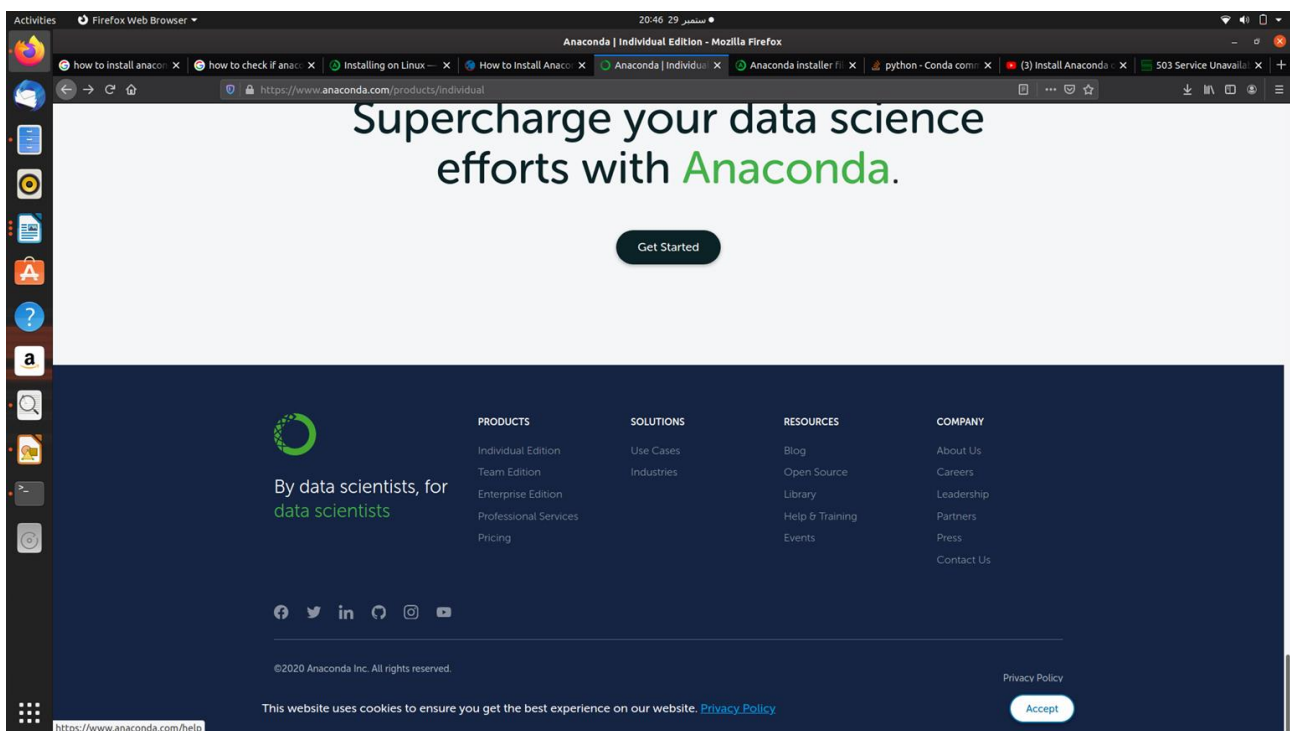
procuts→individual edition



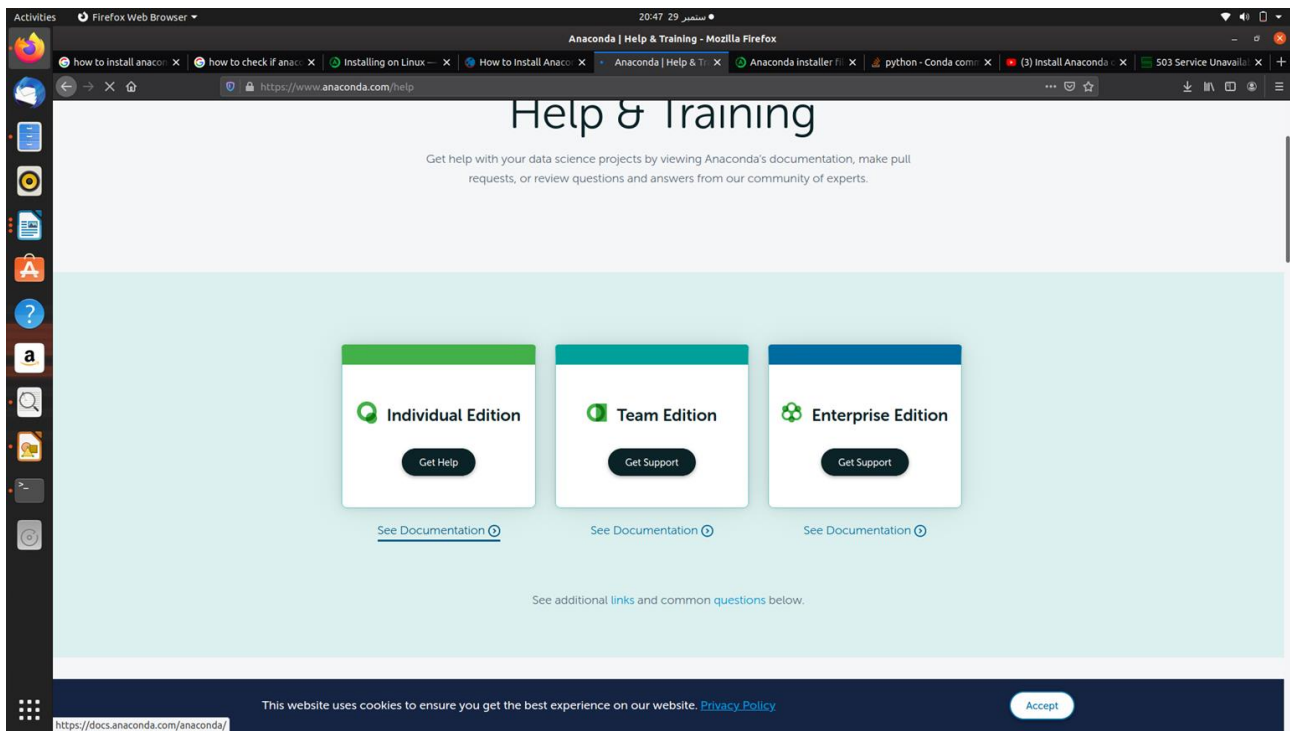
then click download



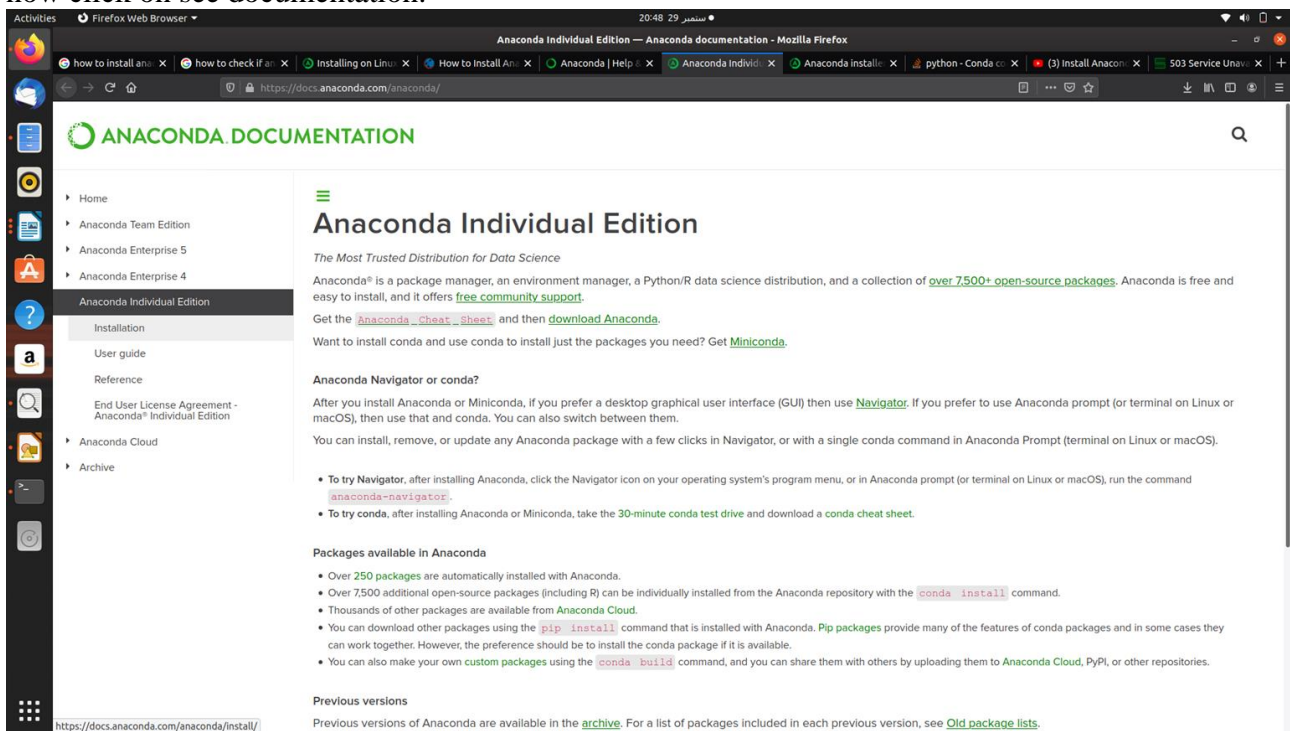
click on linux version and download it.



Click on help & training



now click on see documentation.



Now click on installation

Installation — Anaconda documentation - Mozilla Firefox

Review the system requirements listed below before installing Anaconda Individual Edition. If you don't want the hundreds of packages included with Anaconda, you can [install Miniconda](#), a mini version of Anaconda that includes just conda, its dependencies, and Python.

**Tip**  
Looking for Python 3.5 or 3.6? See our [FAQ](#).

**System requirements**

- License: Free use and redistribution under the terms of the [End User License Agreement - Anaconda® Individual Edition](#).
- Operating system: Windows 8 or newer, 64-bit macOS 10.13+, or Linux, including Ubuntu, Red-Hat, CentOS 6+, and others.
- If your operating system is older than what is currently supported, you can find older versions of the Anaconda installers in our [archive](#) that might work for you. See [Using Anaconda on older operating systems](#) for version recommendations.
- System architecture: Windows- 64-bit x86, 32-bit x86; MacOS- 64-bit x86; Linux- 64-bit x86, 64-bit Power8/Power9.
- Minimum 5 GB disk space to download and install.

On Windows, macOS, and Linux, it is best to install Anaconda for the local user, which does not require administrator permissions and is the most robust type of installation. However, if you need to, you can install Anaconda system wide, which does require administrator permissions.

- [Installing on Windows](#)
- [Installing on macOS](#)
- [Installing on Linux](#)
- [Installing on Linux POWER](#)
- [Installing in silent mode](#)
- [Installing for multiple users](#)
- [Verifying your installation](#)
- [Anaconda installer file hashes](#)
- [Updating from older versions](#)
- [Uninstalling Anaconda](#)

**Silent mode install**

You can use [silent mode](#) to automatically accept default settings and have no screen prompts appear during installation.

**Using Anaconda on older operating systems**

We recommend upgrading your operating system. Most OS that are no longer supported in the latest Anaconda are no longer getting security updates. Upgrading your OS allows you to get the latest packages, performance improvements, bug fixes, etc.

To use Anaconda on older operating systems, download from our [archive](#). You will not be able to use conda to update or install packages beyond the Anaconda version noted in

now click on installing on linux.

Installing on Linux — Anaconda documentation - Mozilla Firefox

To use our packages with Linux, you may need to install the following extended dependencies for GLIBC:

Debian	<code>apt-get install libgl1-mesa-glx libegl1-mesa libxrandr2 libxrandr2 libxss1 libxcursor1 libxcomposite1 libasound2 libxi6 libxtst6</code>
RedHat	<code>yum install libXcomposite libXcursor libXi libXtst libXrandr alsa-lib mesa-libEGL libXdamage mesa-libGL libXScrnSaver</code>
ArchLinux	<code>pacman -Sy libxau libxi libxss libxtst libxcursor libxcomposite libxdamage libxfixes libxrandr libxrender mesa-libgl alsa-lib libglvnd</code>
OpenSUSE/SLES	<code>zypper install libXcomposite libXi6 libXext6 libXau6 libXlib6 libXrandr2 libXrender1 libXss1 libXtst6 libXdamage1 libXcursor1 libxcb1 libasound2 libXlib-xcb1 Mesa-libGL1 Mesa-libEGL1</code>
Gentoo	<code>emerge x11-libs/libXau x11-libs/libxcb x11-libs/libXlib x11-libs/libXext x11-libs/libXfixes x11-libs/libXrender x11-libs/libXi x11-libs/libXcomposite x11-libs/libXrandr x11-libs/libXcursor x11-libs/libXdamage x11-libs/libXScrnSaver x11-libs/libXtst media-libs/alsa-lib media-libs/mesa</code>

**Installation**

For x86 systems.

1. In your browser, download the [Anaconda installer for Linux](#).
2. RECOMMENDED: [Verify data integrity with SHA-256](#). For more information on hashes, see [What about cryptographic hash verification?](#)
  - Open a terminal and run the following:

```
sha256sum /path/filename
```
3. Enter the following to install Anaconda for Python 3.7:

```
bash ~/Downloads/Anaconda3-2020.02-Linux-x86_64.sh
```

OR Enter the following to install Anaconda for Python 2.7:

```
bash ~/Downloads/Anaconda2-2019.10-Linux-x86_64.sh
```

**Note**  
Include the `bash` command regardless of whether or not you are using Bash shell.

Click on verify the integrity with SHA

Activities Firefox Web Browser 21:14 29 سبتمبر

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how to install Ana... how to check if Ana... Installing on Linux... How to Install Ana... Anaconda | Help... Anaconda install... Anaconda install... python - Conda co... (3) Install Anacon... 503 Service Unav...

https://docs.anaconda.com/anaconda/install/hashes/

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## Anaconda installer file hashes

All installer files are available at <https://repo.anaconda.com/archive/>.

You can verify the data integrity of the Anaconda installer files by [running a local program to generate their SHA-256 cryptographic hashes](#) and checking the output to be sure it matches the hashes (or "checksums") below. We do not suggest MD5 verification as SHA-256 provides greater security.

If the SHA-256 hash that you generate does not match the one here, the file may not have downloaded completely. Please download it again and re-check. If repeated downloads produce the same result, please [contact us](#) to report the problem, including the file name, the hash you generated, and the hash on the site.

	Python 2	Python 3
64-bit Windows	64-bit Windows, Py2	64-bit Windows, Py3
32-bit Windows	32-bit Windows, Py2	32-bit Windows, Py3
macOS graphical installer	macOS, Py2	macOS, Py3
macOS command line installer	macOS, Py2	macOS, Py3
64-bit Linux	64-bit Linux, Py2	64-bit Linux, Py3
32-bit Linux	32-bit Linux, Py2	32-bit Linux, Py3

Information for all files on a single page

- Hashes for all files

Verifying your installation Hashes for all files

https://docs.anaconda.com/anaconda/install/hashes/linux-3-64/ Docs Home Anaconda Home More Help & Support

click on 64-bit linux Py3

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## Anaconda with Python 3 on 64-bit Linux

To verify the file integrity using MD5 or SHA-256, see [cryptographic hash verification](#).

- Hashes for Anaconda3-2020.07-Linux-ppc64le.sh
- Hashes for Anaconda3-2020.07-Linux-x86\_64.sh
- Hashes for Anaconda3-2020.02-Linux-ppc64le.sh
- Hashes for Anaconda3-2020.02-Linux-x86\_64.sh
- Hashes for Anaconda3-2019.10-Linux-ppc64le.sh
- Hashes for Anaconda3-2019.10-Linux-x86\_64.sh
- Hashes for Anaconda3-2019.07-Linux-ppc64le.sh
- Hashes for Anaconda3-2019.07-Linux-x86\_64.sh
- Hashes for Anaconda3-2019.03-Linux-ppc64le.sh
- Hashes for Anaconda3-2019.03-Linux-x86\_64.sh
- Hashes for Anaconda3-2018.12-Linux-ppc64le.sh
- Hashes for Anaconda3-2018.12-Linux-x86\_64.sh
- Hashes for Anaconda3-5.3.1-Linux-x86\_64.sh
- Hashes for Anaconda3-5.3.0-Linux-ppc64le.sh
- Hashes for Anaconda3-5.3.0-Linux-x86\_64.sh
- Hashes for Anaconda3-5.2.0-Linux-ppc64le.sh
- Hashes for Anaconda3-5.2.0-Linux-x86\_64.sh
- Hashes for Anaconda3-5.1.0-Linux-ppc64le.sh
- Hashes for Anaconda3-5.1.0-Linux-x86\_64.sh
- Hashes for Anaconda3-5.0.1-Linux-x86\_64.sh
- Hashes for Anaconda3-5.0.0-Linux-ppc64le.sh
- Hashes for Anaconda3-5.0.0-Linux-x86\_64.sh
- Hashes for Anaconda3-4.4.0.1-Linux-ppc64le.sh
- Hashes for Anaconda3-4.4.0-Linux-x86\_64.sh
- Hashes for Anaconda3-4.4.0-Linux-x86\_64.sh

https://docs.anaconda.com/anaconda/install/hashes/Anaconda3-2020.07-Linux-x86\_64.sh-hash/-x86\_64.sh

click on Hashes for Anaconda3-2020.07-linux-x86\_64.sh

Hashes for Anaconda3-2020.07-Linux-x86\_64.sh — Anaconda documentation - Mozilla Firefox

https://docs.anaconda.com/anaconda/install/hashes/Anaconda3-2020.07-Linux-x86\_64.sh-hash/

## ANACONDA.DOCUMENTATION

### Hashes for Anaconda3-2020.07-Linux-x86\_64.sh

All installer files are available at <https://repo.anaconda.com/archive/>.

You can verify the data integrity of the Anaconda installer files by [running a local program to generate their MD5 or SHA-256 cryptographic hashes](#) and checking the output to be sure it matches the hashes (or "checksums") below.

If the MD5 or SHA-256 hash that you generate does not match the one here, the file may not have downloaded completely. Please download it again and re-check. If repeated downloads produce the same result, please [contact us](#) to report the problem, including the file name, whether you used MD5 or SHA-256, the hash you generated, and the hash on the site.

exact time file was last modified, as Unix time stamp	1595524610.0520885
time file was last modified, in human readable format	2020-07-23 12:16:50
exact file size, in bytes	576830621
file size, in human friendly format	550.1 MiB
md5	1046c40a314ab2531e4c099741530ada
sha256	38ce717758b95b3bd0b1797cc6ccfb76f29a90c25bdfa50ee45f11e583edfdbf

« Hashes for Anaconda3-2020.07-Linux-ppc64le.sh »    Hashes for Anaconda3-2020.02-Linux-ppc64le.sh »

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v: latest

copy the sha256 value and paste it in textpad/notepad/libretext

Go to terminal and the commands

```
sabihat@sabihat-Inspiron-7558:~$ cd Downloads
sabihat@sabihat-Inspiron-7558:~/Downloads$ sha256sum Anaconda3-2020.07-Linux-x86_64.sh
38ce717758b95b3bd0b1797cc6ccfb76f29a90c25bdfa50ee45f11e583edfdbf Anaconda3-2020.07-Linux-x86_64.sh
sabihat@sabihat-Inspiron-7558:~/Downloads$
```

copy the sha value and paste it on the tet file and now match that both the values of sha are same or not?









```
Activities Terminal 23:15 29 سبتمبر sabahat@sabahat-inspiron-7558: ~

wrap      pkgs/main/linux-64::wrap-1.11.2-py38h7b6447c_0
wurlitzer pkgs/main/linux-64::wurlitzer-2.0.1-py38_0
xlrd      pkgs/main/noarch::xlrd-1.2.0-py_0
xlswriter pkgs/main/noarch::xlswriter-1.2.9-py_0
xlwt      pkgs/main/linux-64::xlwt-1.3.0-py38_0
xmlltodict pkgs/main/noarch::xmlltodict-0.12.0-py_0
xz        pkgs/main/linux-64::xz-5.2.5-h7b6447c_0
yaml      pkgs/main/linux-64::yaml-0.2.5-h7b6447c_0
yapf      pkgs/main/noarch::yapf-0.30.0-py_0
zeromq    pkgs/main/linux-64::zeromq-4.3.2-he6710b0_2
zict      pkgs/main/noarch::zict-2.0.0-py_0
zip       pkgs/main/noarch::zip-3.1.0-py_0
zlib      pkgs/main/linux-64::zlib-1.2.11-h7b6447c_3
zope      pkgs/main/linux-64::zope-1.0-py38_1
zope.event pkgs/main/linux-64::zope.event-4.4-py38_0
zope.interface pkgs/main/linux-64::zope.interface-4.7.1-py38h7b6447c_0
zstd      pkgs/main/linux-64::zstd-1.4.5-h0b5b093_0

Preparing transaction: done
Executing transaction: done
Installation finished.
Do you wish the installer to initialize Anaconda3
by running the conda init? [yes/no]
[no] >>> yes
no change /home/sabahat/anaconda3/condabin/conda
no change /home/sabahat/anaconda3/bin/conda
no change /home/sabahat/anaconda3/bin/conda-env
no change /home/sabahat/anaconda3/bin/activate
no change /home/sabahat/anaconda3/bin/deactivate
no change /home/sabahat/anaconda3/etc/profile.d/conda.sh
no change /home/sabahat/anaconda3/etc/fish/conf.d/conda.fish
no change /home/sabahat/anaconda3/shell/condabin/conda.ps1
no change /home/sabahat/anaconda3/shell/condabin/conda-hook.ps1
no change /home/sabahat/anaconda3/lib/python3.8/site-packages/xontrib/conda.xsh
no change /home/sabahat/anaconda3/etc/profile.d/conda.csh
modified  /home/sabahat/.bashrc

==> For changes to take effect, close and re-open your current shell. <==

If you'd prefer that conda's base environment not be activated on startup,
set the auto_activate_base parameter to false:

conda config --set auto_activate_base false

Thank you for installing Anaconda3!

=====

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sabahat@sabahat-Inspiron-7558: ~
```

then excute  
conda list  
conda --version  
jupyter-notebook  
python --version