

User Manual for the NA CO2 tracker:

Here is a quick guide on how to start using the application. If you already have Python 3.9.1 installed, skip to page 2.

Install Python

To be able to use this application you must have Python 3.9.1 or later installed along with numerous libraries.

To download Python, go to <https://www.python.org/downloads/>.

Click download Python 3.9.1

Looking for a specific release?

Python releases by version number:

Release version	Release date		Click for more
Python 3.8.7	Dec. 21, 2020	Download	Release Notes
Python 3.9.1	Dec. 7, 2020	Download	Release Notes
Python 3.9.0	Oct. 5, 2020	Download	Release Notes
Python 3.8.6	Sept. 24, 2020	Download	Release Notes
Python 3.5.10	Sept. 5, 2020	Download	Release Notes
Python 3.7.9	Aug. 17, 2020	Download	Release Notes
Python 3.6.12	Aug. 17, 2020	Download	Release Notes
Python 3.5.5	July 20, 2020	Download	Release Notes

[View older releases](#)

Download the appropriate version of Python according to your operating system.

For Windows OS users, to find if your device is 32 or 64-bit, go to Systems, and then About. If it's 32-bit, click Windows installer(32-bit) and if it's 64-bit, click Windows installer(64-bit).

Files

Version	Operating System	Description	MD5 Sum	File Size	GPG
Getpip source tarball	Source release		429ae95d242278fa1560644ad9dca7	2537298	SIG
XZ compressed source tarball	Source release		61981498e75ac880ad3908381fa6b6	18897104	SIG
macOS 64-bit intel installer	Mac OS X	for macOS 10.9 and later	745c5b6783c0ff82ca55f1170699	29795899	SIG
macOS 64-bit universal2 installer	Mac OS X	for macOS 10.9 and later, including macOS 11 Big Sur on Apple Silicon (experimental)	8b1974e73609241e60aa36388ba73ed	37461735	SIG
Windows embeddable package (32-bit)	Windows		96cfa811eb8650e6c3d941258ae317	7571141	SIG
Windows embeddable package (64-bit)	Windows		e70e5c22432d8f57a497cde5e2e5c2	8402333	SIG
Windows help file	Windows		c49db6e6f88c0831e0e2d39bc42b316	8787443	SIG
Windows installer (32-bit)	Windows		dde210e04a31c27488605a7e7cd297a	27126136	SIG
Windows installer (64-bit)	Windows	Recommended	b3f0e2ed8bc315ad2bc49eae4ba9487	28204528	SIG

About

Device specifications

Device name: DESKTOP-R3C9PPU
Processor: Intel(R) Core(TM) i5-3427U CPU @ 1.80GHz 2.30 GHz
Installed RAM: 8.00 GB (7.87 GB usable)
Device ID: [REDACTED]
Product ID: [REDACTED]
System type: 64-bit operating system, x64-based processor
Pen and touch: No pen or touch input is available for this display

Windows specifications

Edition: Windows 10 Pro
Version: 2004
Installed on: 2020-06-07

Once you click your appropriate version, click the file that pops up at the bottom of the screen as shown below and follow the steps of the Python installer. Python will be installed.



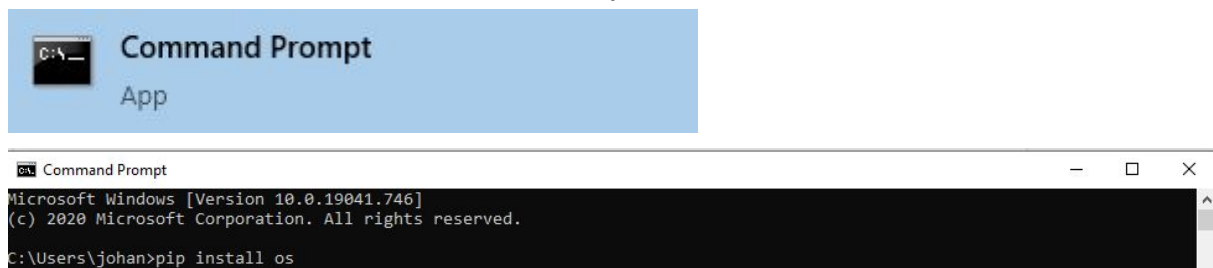
Install Libraries

For this application, various libraries are used. Here is the list of libraries you will be installing:

os
tkinter
plotly-express
matplotlib
PIL
webbrowser
logging
kaleido==0.1.0.post1
numpy==1.19.5

In order to download them, go to your command prompt application and once loaded, enter:

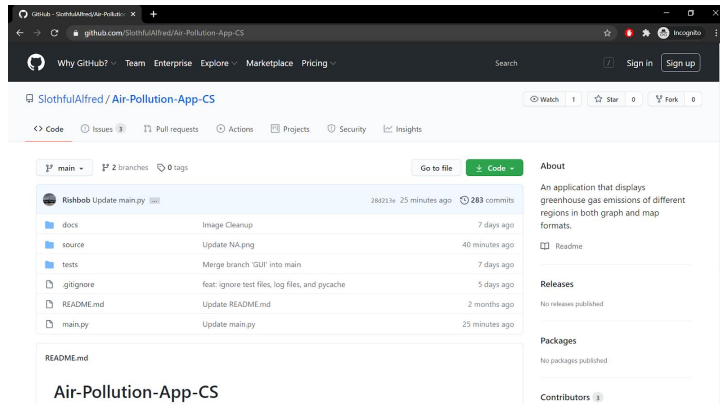
“pip install (library)” for each of the libraries mentioned above. It will by default download the most recent version unless specified.



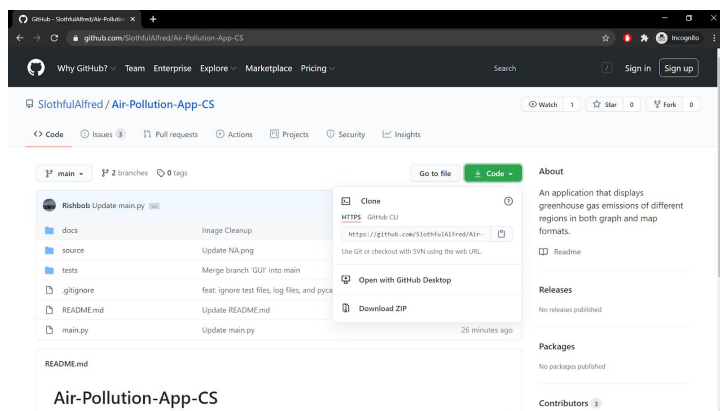
Now that you have set everything up, you are ready to download the application

Install Application

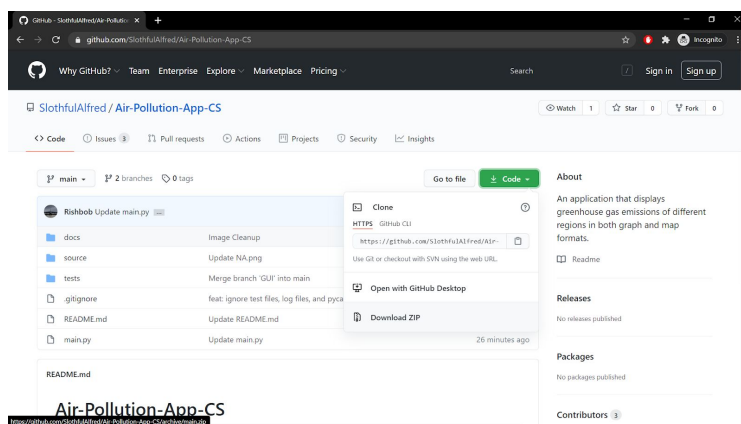
Go to the following link: <https://github.com/SlothfulAlfred/Air-Pollution-App-CS>



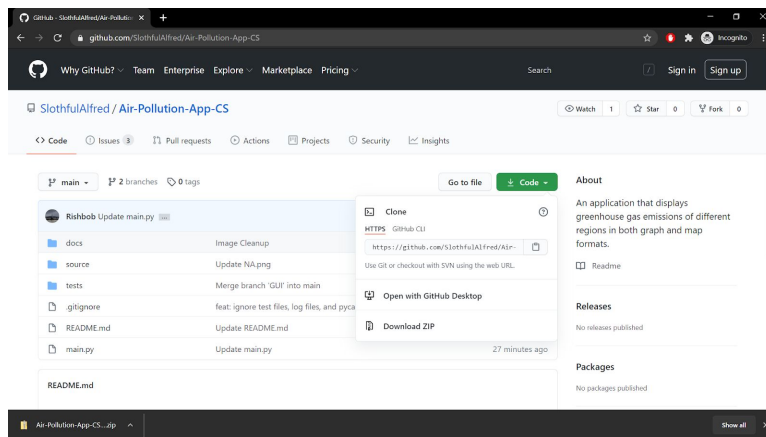
Click on “Code”:



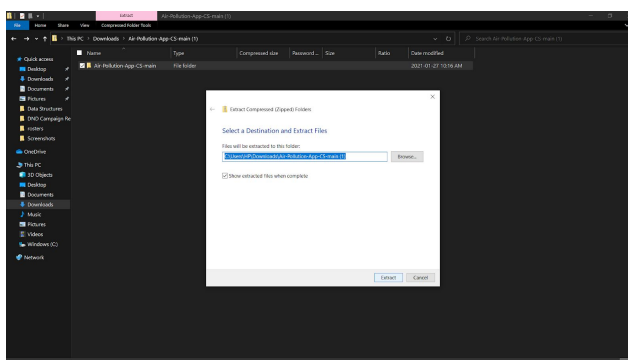
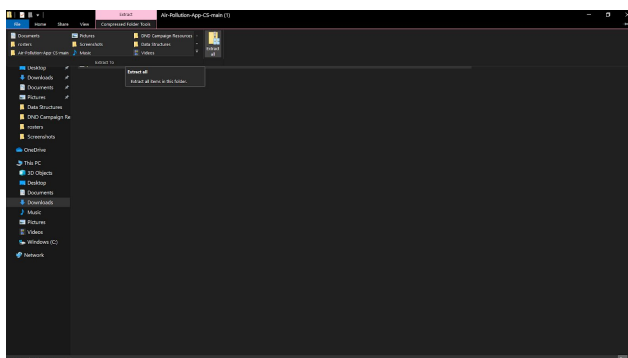
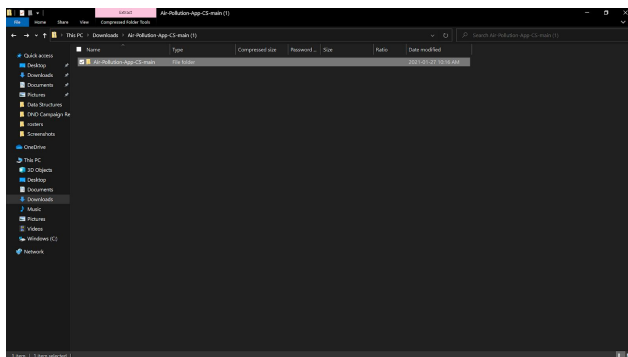
Select “Download ZIP”:



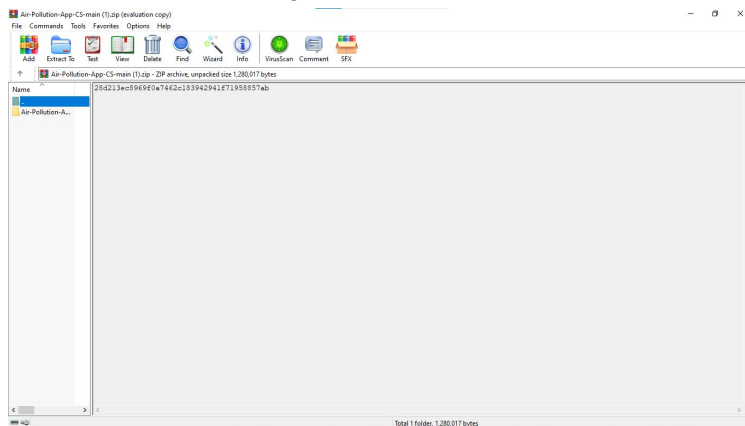
Click on the arrow on the folder that pops up at the bottom of your page and select “Show in folder”



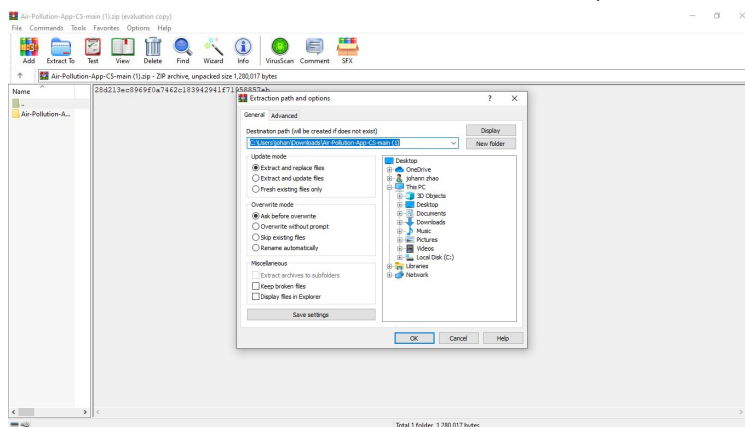
If you don't have a file compressor, it will open the folder in File Explorer. Follow the images underneath. If you do, skip these pictures to the subsequent text.



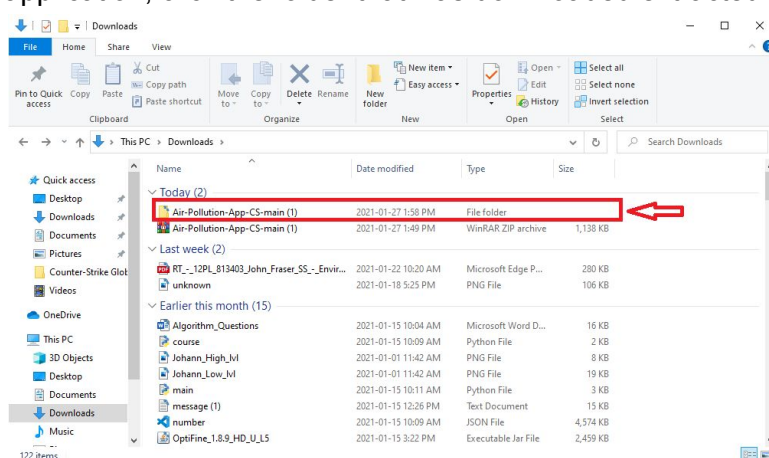
If you have a file compressor/decompressor, that application will become a zip file as shown below. Follow the images underneath.



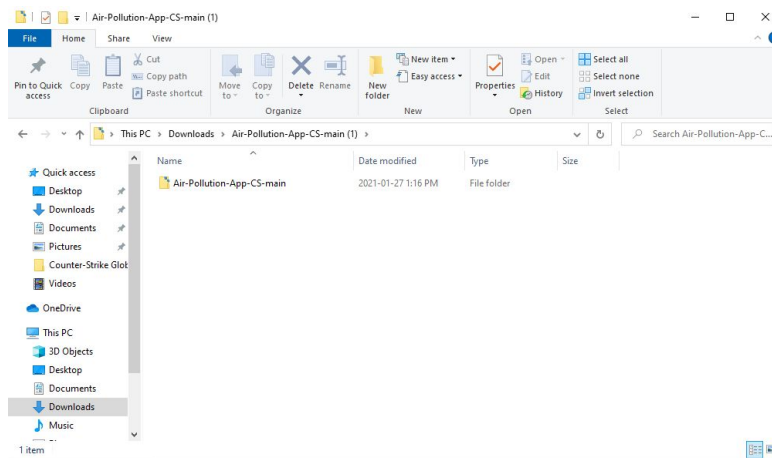
Click the blue folder icon labelled “Extract To”, and install it to your computer.



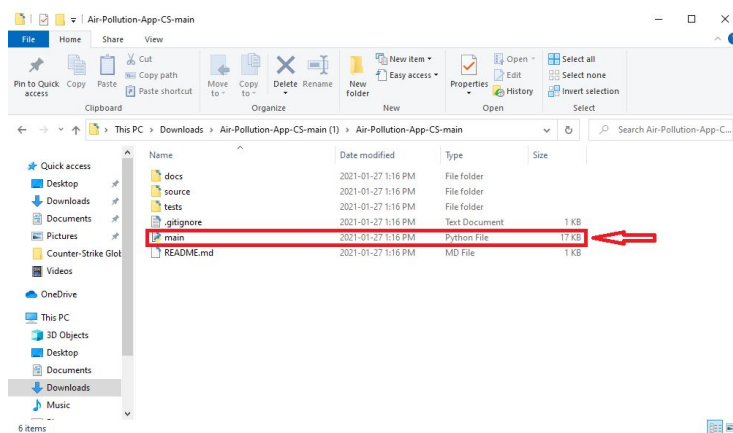
Once downloaded, go to your file explorer and go to the directory where you installed the application, click the folder that was downloaded/extracted. (Note: not the zipped folder)



Click the only folder shown



Click on the file named “main”



The home screen will appear. The application is ready to use!

