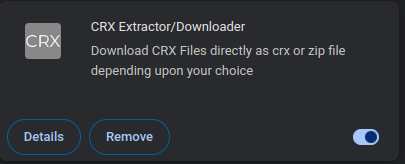
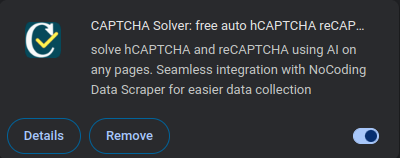
**INSTRUCTIONS**

1. **Download the captcha solver:**

Head over to google chrome extensions and download these two:





After that use the first extension to download the second one as a crx file and rename it to captcha.crx

1. **Install Python3 on your computer:**

In order to run the script you need install the latest version of python3.

If you don’t have python3 follow the following instructions:

Check if Python 3 is already installed: Some versions of macOS come with Python 2.x pre-installed. To check if Python 3 is installed, open Terminal and type:

python3 --version

If Python 3 is installed, it will display the version number. If not, you'll see a message saying "command not found".

1. Install Homebrew (if not already installed): Homebrew is a package manager for macOS. You can install it by running the following command in Terminal:

/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"

1. Install Python 3 using Homebrew: Once Homebrew is installed, you can use it to install Python 3 by running the following command in Terminal:

brew install python@3.9

This command will install the latest version of Python 3.9 available through Homebrew. If you want to install a different version, you can specify it in the command (e.g., python@3.8).

1. Verify the installation: After the installation is complete, you can verify that Python 3 is installed by running:

python3 --version

This command should now display the version number of the Python 3 installation.

1. **Install pip:**

In order for the script to work it needs to have access to the needed python libraries.

Pip is a module that can install these libraries! To install pip do the following:

Check if pip is already installed: Open Terminal and type:

pip --version

If pip is installed, it will display the version number. If not, you'll see a message saying "command not found".

1. Install pip:
   * If you installed Python using Homebrew, pip should already be installed. You can upgrade it to the latest version by running:

pip3 install --upgrade pip

* + If you're using a different Python installation or if pip is not installed for some reason, you can install it using the following command:

sqlCopy code

curl https://bootstrap.pypa.io/get-pip.py -o get-pip.py

python3 get-pip.py

This will download the get-pip.py script and run it using Python 3, which will install pip for you.

1. Verify the installation: After the installation is complete, you can verify that pip is installed by running:

pip --version

This command should now display the version number of the pip installation.

1. **Install python libraries with pip:**

In your terminal type this:

pip install pandas

pip install selenium

pip install openpyxl

pip install webdrivermanager

pip install urllib3

1. **Make a folder called google my bussiness and drag the attached files in there**

More specifically drag main.py, captcha.crx and input.xlsx

1. **Change my\_dir argument:**

Open the main.py script and in the first line change my\_dir = ‘home.../google my bussiness/’ to my\_dir = ‘THE DIRECTORY THAT THE GOOGLE MY BUSSINESS FOLDER IS IN/google my bussiness/’

1. **How to use:**

Make your input.xlsx and then run main.py. After the program runs the output will appear in two formats (output.csv and output.xlsx). Make sure input.xlsx, main.py and captcha.crx are all in google my bussiness folder

1. **Good habits:**

Google will get irritated if you scrape too much. You might get blocked or restricted. In order to avoid that here are some good practices :

Use a VPN: VPNs will change your IP address so google will not take action against your real IP but against the VPN’s IP (change server as often as possible)

Use a Proxy: proxies are very similar to VPNs but they change only one of many connections your pc can perform. If you use an http proxy the effect will be the same

Make small input.xlsx files:If you make relatively small input files (50-100 entries) not only will you be able to fool google for longer but you also lower dramatically the chance of the captcha solving mechanism to fail, which will produce more accurate output files