

## Setup Guide for Web Scraping on MacBook

### 1. Install Python

Ensure Python is set up on the MacBook for the project.

#### 1.1. Install Homebrew (if not installed):

bash(Terminal)

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

#### 1.2. Install Python:

bash(Terminal)

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```
brew install python
```

### 2. Create a Virtual Environment

To keep the project's dependencies isolated, set up a virtual environment.

#### 2.1. Navigate to the project directory:

bash(Terminal)

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```
cd path/to/your/project (Where the project folder is)
```

#### 2.2. Create a virtual environment:

bash(Terminal)

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```
python3 -m venv myenv
```

#### 2.3. Activate the virtual environment:

bash

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```
source myenv/bin/activate
```

### 3. Install Dependencies

Install the necessary libraries and dependencies for the script execution.

Create a requirements.txt file with the content:

Copy code into requirements.txt file

**pandas**

**selenium**

**undetected-chromedriver**

**openpyxl**

3.1. Install from requirements:

bash

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**pip install -r requirements.txt**

### 4. Install Chrome & Chromedriver

#### 4.1. Install Google Chrome:

Either download Google Chrome from the official website or use brew:

bash

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**brew install --cask google-chrome**

#### 4.2. Install Chromedriver:

bash

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**brew install chromedriver**

Note: If you've manually placed the Chromedriver in a different location, adjust the path in the script.

### 5. Input Excel File

Ensure the "input.xls" Excel file is in the same directory as your script. If placed elsewhere, adjust the script's path to match the file's location.

## 6. Run the Script

With the virtual environment active:

bash

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**Python3 or python your\_script\_name.py**

Once the script has finished running, an output file named "Twitter profiles.xlsx" should appear in the same directory.

Deactivate the virtual environment when done:

bash

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**deactivate**