

To install the `recipe_scraper` and `selenium` packages in Python, you'll need to follow these steps:

1. Install Python3.9

Ensure you have Python installed on your system. You can download Python from the official website: [Python Downloads](https://www.python.org/downloads/). Follow the installation instructions for your specific operating system.

2. Set up a Virtual Environment

Setting up a virtual environment is a good practice to isolate your project's dependencies. You can create a virtual environment using the following commands:

```
```bash
On Windows
python -m venv myenv

On macOS and Linux
python3 -m venv myenv
```
```

Replace `myenv` with the name you want to give to your virtual environment.

3. Activate the Virtual Environment:

On Windows:

```
```bash
myenv\Scripts\activate
```
```

On macOS and Linux:

```
```bash
```

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

Your command prompt should now indicate that you are in the virtual environment.

4. Install `recipe_scraper` and `selenium` using `pip`:

With the virtual environment active, you can use `pip` to install the packages. Run the following commands:

```
```bash
pip install recipe_scraper
pip install selenium
```
```

This will download and install both the `recipe_scraper` and `selenium` packages along with their dependencies.

5. Install a Web Driver (for Selenium):

To use Selenium, you'll need a web driver specific to Chrome. Here are the steps for Chrome:

- -Download the ChromeDriver executable from the official website: [ChromeDriver Downloads](<https://sites.google.com/chromium.org/driver/>)
- - Place the downloaded ChromeDriver executable in a directory that is included in your system's `PATH` environment variable.

6. Test Your Installation:

You can test if the installation was successful by opening a Python shell in your virtual environment and trying to import the packages:

```
```python
import recipe_scraper
```

```
from selenium import webdriver
...
```

If you don't encounter any errors, it means the installation was successful.

## 7. Modify recipe\_scraper package:

Navigate to “YourPythonDirectory\Lib\site-packages”. Search for \_abstract.py and modify it as below.

```
import requests
from bs4 import BeautifulSoup

from recipe_scrapers.settings import settings

from ._grouping_utils import IngredientGroup
from ._schemaorg import SchemaOrg

some sites close their content for 'bots', so user-agent must be supplied
HEADERS = {

 "User-Agent": 'Mozilla/5.0 (iPad; CPU OS 12_2 like Mac OS X)
AppleWebKit/605.1.15 (KHTML, like Gecko) Mobile/15E148'

}
```

Now, you're ready to use the recipe\_scraper and selenium packages for your web scraping and automation needs.