Automation Engineer

Please write Selenium tests in **Python** against http://www.moat.com.

Pick 3 scenarios below to write automated test cases. You could do all 4 if you’re feeling ambitious but it’s not required.

1. Verify the search bar autocomplete drop down text.
2. Verify the creatives count on the search results page is correct for these 3 search terms: Saturn, Saturday’s Market, and Krux.
3. Verify the “Random Brand” link on the search results page is random.
4. Verify the “Share” ad feature (it appears on overlay when hovering over an ad).



Folder Structure:

SeleniumPythonTest:

>>Config:

* Config.py - Test Data declarations

>>Drivers:

* Chrome Driver – Chrome driver extension file
* IE Driver – Internet Explorer driver extension file

>>Pages:

* BasePage.py - Geneic methods to click,send text, get text
* Moat\_HomePage.py- Home page locators and specific methods definition
* Moat\_SearchPage.py – Search Results page locators and specific methods definition

>>Tests:

* configtest.py -To initiate the Webdriver Please make sure Drivers path in this program I have used my local desktop path
* test\_MoatHome.py
  + Test Method to verify the above scenario 1: Verify autocomplete text
* Test\_searchresults.py
  + Test Method to verify Scenario 2: Creative counts disp and search results counts are matched
  + Test Method to verify Scenario 3:To verify radom link click returns different search results on each time
  + Test Method to verify Scenario 4: To verify share link is present for all Ad Search page results

Runining Scripts: Please make sure Python and pytest installed

1. Unzip and copy the folder to your local folder
2. Open command prompt and naviagte to copied folder path
3. Run the command **pytest Tests\** to run all scripts