GROUP BETA

TASK: SCRAPING AN E-COMMERCE WEBSITE LISTING

TEAM MEMBERS:

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* Tosin Oyinloye
* Tobi Ashiru

Website: https://www.nigeriapropertycentre.com

The e-commerce website we worked on was <https://www.nigeriapropertycentre.com> and we focused on the houses for sale category.

### About Nigeria Property Centre

[NigeriaPropertyCentre.com](https://www.nigeriapropertycentre.com/) is a real estate and property website in Nigeria with property listings for sale, rent and lease. We offer Nigerian property seekers an easy way to find details of property like homes, houses, lands, shops, office spaces and other commercial properties to buy or rent. Nigeria Property Centre provides a platform for advertising property from organizations and Nigerian private property owners.  
Nigeria Property Centre (NPC) is the clear leading property website with lots of users, advertising members and properties. Our advertisers are property professionals such as estate agents, letting (rental) agents, new homes developers and Nigerian private property owners who offer properties within Nigeria for property hunters.

We chose this website for our project because of how straightforward the website was, getting the information we needed was quite straightforward.

The three of us worked together on the webscraping part of the project, because we had all not done anything like it before.

Temitope built the webscraper for the website and saved the data into the csv file. Requests and BeautifulSoup were used.

* Requests library was used to get the content of the webpage from the server.
* BeautifulSoup was used to parse the webpage to enable extraction

The houses for sale category of the website provided the following information on each house listing;

* Listing type
* Title
* Price
* Location
* Number of Bedrooms
* Number of Bathrooms
* Number of toilets
* Number of parking spaces

A total of 507 listings were scraped from the website and saved in csv format.

The dataset was further cleaned and visualized using bar plots by Tobi.

The bar chart showed the characteristics of the houses for sale dataset.