

# ABUJA-HOUSES

May 31, 2023

## 1 Abuja Houses

Use the “Run” button to execute the code.

```
[11]: !pip install requests --quiet --upgrade
import requests

!pip install beautifulsoup4 --quiet --upgrade
from bs4 import BeautifulSoup

!pip install pandas --quiet --upgrade
import pandas as pd
```

```
[12]: link = 'https://www.privateproperty.com.ng/property-for-sale/abuja'
response = requests.get(link)
content = response.text
response.status_code
```

[12]: 200

```
[13]: doc = BeautifulSoup(content, 'html.parser')
```

```
[30]: Haus = []
for i in range(0,130):
    url = f"https://www.privateproperty.com.ng/houses-for-sale?
↪search=ABUJA&bedroom=&min_price=&max_price=&button=&page={i}"
    response = requests.get(url)
    content = response.text
    response.status_code
    doc = BeautifulSoup(content, 'html.parser')

    homelists = doc.find_all('div', {'class': 'similar-listings-item'})
    for home in homelists:
        h = dict()
        h['desc'] = home.select_one(".similar-listings-info h2").text
        h['name'] = home.select_one(".similar-listings-info h3").text
        h['location'] = home.select_one('.listings-location').text.strip()
        h['price'] = home.select_one(".similar-listings-price h4").text
```

```
Haus.append(h)
```

```
[31]: Haus_df = pd.DataFrame(Haus)
```

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[32]: Haus_df.shape
```

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[32]: (2860, 4)
```

```
[33]: Haus_df.to_csv('AbujaHouses.csv', index=None)
```

```
[ ]:
```