INVESTING A REAL ESTATE FOR THE STARTUP "BLACK GARLIC CAFE CHAIN" IN HUE CITY, VIETNAM

Thừa Thiên-Huế is a province in the North Central Coast region of Vietnam, approximately in the centre of the country. The province has 128 km of coastline, 22,000 ha of lagoons and over 200,000 ha of forest. There is an extensive complex of imperial tombs and temples in Huế.



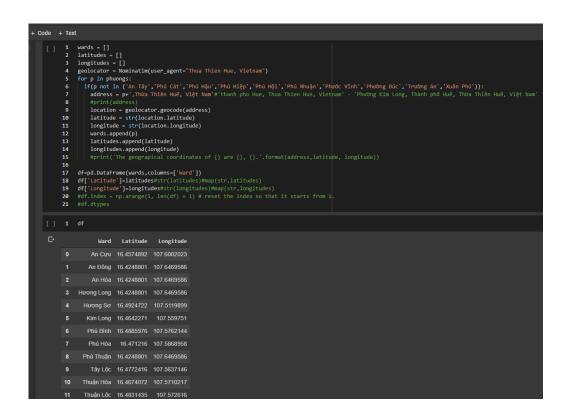
Hue is also famous for it delicious sweet desserts such as Lotus seeds sweet soups, Lotus seed wrapped in logan sweet soup, Areca flower sweet soup, Grilled pork wrapped in cassava flour sweet soup, and Green sticky rice sweet soup.

Conclusion 1st Week:

Description of **Data** Preparation

We get the Initial Data-Frame with Names of Major Wards, and corresponding districts in those Major Wards

```
1 #chuyển data thành đối tượng object của gói beautifulsoup
         soup = BeautifulSoup(data, 'html.parser')
[ ] 1 #Tìm tất cả các [hàng (dòng) thẻ 'tr':table row] - thẻ 'td':table data: là các cell
     4  #new_feed = soup.find('table', class_='list2')
5  #new_feed.find('thead').find_all('tr')[0].find_all('th')[0].text.rstrip('\r\n')
      6 new feed = soup.find all('li')
[ ] 1 phuongs = []
         for p in range(0,28):
           text=new_feed[p].text.split()
           if(len(text)>1):
             text = text[0]+" "+text[1]
             phuongs.append(text.rstrip(","))
           #text1 = text.rstrip("(phường)")
     9 #phuongs.append('Thành Phố Huế')
     10 phuongs[24]='Vỹ Dạ'
         df=pd.DataFrame(phuongs,columns=['Ward'])
         df.index = np.arange(1, len(df) + 1) # reset the index so that it starts from 1.
         df.head()
               Ward
            An Cựu
           An Đông
            An Hòa
     4
             An Tây
     5 Hương Long
```



So as the next step we will use Foursquare data and obtain information on coffee chains. With these, we can start with our battle of neighborhoods for opening a coffee shop in Hue city.