In [14]:
```
import requests
from bs4 import BeautifulSoup
import pandas as pd
import numpy as np
```

In [15]:
```
# Making a GET request
r = requests.get('https://www.drdata.in/list-doctors.php?search=Doctor&page=1')

# check status code for response received
# success code - 200
#print(r)

# Parsing the HTML
soup = BeautifulSoup(r.text, 'lxml')



table = soup.find('table', class_='table-bordered table-striped table-condensed cf')
column = table.find_all('th')

headers = []

for c in column:
    header = c.text
    headers.append(header)

df=pd.DataFrame(columns=headers)

df.to_csv('doctors_info.csv')

for i in range(1,25):
    url="https://www.drdata.in/list-doctors.php?search=Doctor&page="+str(i)
    r1=requests.get(url)
    soup = BeautifulSoup(r1.text, 'lxml')

    table = soup.find('table', class_='table-bordered table-striped table-condensed cf')

    rows = table.find_all('tr')

    for j in rows[1:]:
        data=j.find_all('td')
        row=[tr.text for tr in data]
        l=len(df)
        df.loc[l] =row

    df.to_csv('doctors_info.csv',mode='a', header=False)
```

In [16]:
```
df.shape
```

Out[16]:
```
(360, 6)
```

In [17]:
```
df.drop('Details', axis=1, inplace=True)
```

In [18]:
```
df = df.drop_duplicates()
```

In [19]:
```
df.replace(['NA', 'null', '', 'None'], np.nan, inplace=True)

df.dropna(inplace=True)
```

In [20]:
```
df.to_csv('doctors_info.csv', index=False)
```

In [21]:
```
df.shape
```

Out[21]:
```
(358, 5)
```

In [24]:
```
df.tail()
```

Out[24]:

| | Name of Doctor | Specialization | Degree | State | City |
|---|---|---|---|---|---|
| **355** | DR. AGRAWAL ANJANA | ENT SURGEON | MBBS, MS (ENT) | MADHYA PRADESH | UJJAIN |
| **356** | DR. AGRAWAL ANKIT | CARDIOLOGIST | MBBS, MD, DM (CARDIOLOGY) | MADHYA PRADESH | JABALPUR |
| **357** | DR. AGRAWAL ANKUR | ALLOPATHIC FAMILY PHYSICIAN | MBBS | MADHYA PRADESH | INDORE |
| **358** | DR. AGRAWAL ANKUR | OPHTHALMOLOGIST | MBBS, MS | MADHYA PRADESH | JABALPUR |

| | | | | | |
|---|---|---|---|---|---|
| **359** | DR. AGRAWAL ANKUR | PHYSIOTHERAPIST | BPT, MPT (SPORTS) | MADHYA PRADESH | BHOPAL |

In [ ]: