In [1]:

```
import time
import selenium
from selenium import webdriver
from selenium.webdriver.support.ui import Select
import pandas as pd
import os
import warnings
warnings.filterwarnings("ignore")
```

In [2]:

```
driverpath=r"C:\Users\merit\Desktop\chromedriver_win32\chromedriver.exe"
```

In [3]:

```
os.getcwd()
```

Out[3]:

```
'C:\\Users\\merit'
```

In [4]:

```
os.chdir(r"C:\Users\merit\Desktop\Py_selenium_Assingment\Us_state_by_image(click)")
```

In [5]:

```
driver=webdriver.Chrome(executable_path=driverpath)
driver.maximize_window()
driver.get("https://ai.fmcsa.dot.gov/hhg/Search.asp?ads=a")

#creating an excel in the start to store the data in sheets with ease
writer = pd.ExcelWriter("US_by_img.xlsx", engine='xlsxwriter')
emp=[]
 #looping over the all the states from the images
for i in range(1,61):

    try:
        #creating empty list to store the column wise data and store and extract it through
        td_1=[]
        td_2=[]
        td_3=[]
        td_4=[]
        driver.find_element_by_xpath("//div//following::area["+str(i)+"]").click()
        #getting the name of the state and storing it to ariable to name the sheet later

        a=driver.find_elements_by_xpath("//body[1]/table[1]/tbody[1]/tr[3]/td[1]/table[1]/t
        for j in range(2,len(a)-12):
            #looping over the table to all the tr and td excpt the writing in below

            cell1=driver.find_elements_by_xpath("//body[1]/table[1]/tbody[1]/tr[3]/td[1]/ta
            cell2=driver.find_elements_by_xpath("//body[1]/table[1]/tbody[1]/tr[3]/td[1]/ta
            cell3=driver.find_elements_by_xpath("//body[1]/table[1]/tbody[1]/tr[3]/td[1]/ta
            cell4=driver.find_elements_by_xpath("//tbody/tr[{}]/td[4]".format(j))
            for n in cell1:
                td_1.append(n.text)
            for m in cell2:
                td_2.append(m.text)
            for x in cell3:
                td_3.append(x.text)
            for v in cell4:
                td_4.append(v.text)
            df=pd.DataFrame(list(zip(td_1,td_2,td_3,td_4)), columns =["Company Name","Headq
            df.to_excel(writer,sheet_name="State"+str(i),index = False)
        driver.back()

    except:
        pass
writer.save()
writer.close()
```

In [ ]: