# 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\_statesby\_drop")

#### In [37]:

```
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_bydrop.xlsx", engine='xlsxwriter')
#looping over the all the states from the dropdown
for i in range(1,97):
    #creating empty list to store the column wise data and store and extract it through zip
    td_1=[]
    td_2=[]
    td_3=[]
    td_4=[]
    driver.find_element_by_xpath("//label[contains(text(),'State')]//following::select[1]")
    driver.find_element_by_xpath("//option[contains(text(),'Please select state')]//followi
    name = driver.find_element_by_xpath("//option[contains(text(),'Please select state')]//
    #getting the name of the state and storing it to ariable to name the sheet later
    driver.find_element_by_xpath("//tbody/tr[1]/td[2]/input[3]").click()
    a=driver.find_elements_by_xpath("//body[1]/table[1]/tbody[1]/tr[3]/td[1]/table[1]/tbody
    for j in range(1,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]/table[
        cell2=driver.find_elements_by_xpath("//body[1]/table[1]/tbody[1]/tr[3]/td[1]/table[
        cell3=driver.find_elements_by_xpath("//body[1]/table[1]/tbody[1]/tr[3]/td[1]/table[
        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","Headquart
        df.to excel(writer, sheet name=name, index = False)
    driver.back()
writer.save()
writer.close()
```