

Problem Set 5

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Invalid Date

Due 11/9 at 5:00PM Central. Worth 100 points + 10 points extra credit.

Submission Steps (10 pts)

1. This problem set is a paired problem set.
2. Play paper, scissors, rock to determine who goes first. Call that person *Partner 1*.
 - Partner 1 (name and cnet ID): Lauren Laine, llaine
 - Partner 2 (name and cnet ID):
3. Partner 1 will accept the **ps5** and then share the link it creates with their partner. You can only share it with one partner so you will not be able to change it after your partner has accepted.
4. “This submission is our work alone and complies with the 30538 integrity policy.” Add your initials to indicate your agreement: ****__** **__****
5. “I have uploaded the names of anyone else other than my partner and I worked with on the problem set [here](#)” (1 point)
6. Late coins used this pset: ****__**** Late coins left after submission: ****__****
7. Knit your **ps5.qmd** to an PDF file to make **ps5.pdf**,
 - The PDF should not be more than 25 pages. Use **head()** and re-size figures when appropriate.
8. (Partner 1): push **ps5.qmd** and **ps5.pdf** to your github repo.
9. (Partner 1): submit **ps5.pdf** via Gradescope. Add your partner on Gradescope.
10. (Partner 1): tag your submission in Gradescope


```
#scrape date
dates=[]
soup_dates=soup.find_all('span', class_='text-base-dark padding-right-105')
for tag in soup_dates:
    text=tag.text
    dates.append(text)
print(dates[0:5])
print(dates[19])
```

```
['November 8, 2024', 'November 7, 2024', 'November 7, 2024', 'November 7,
2024', 'November 7, 2024']
October 30, 2024
```

```
# scrape category
category=[]
soup_category=soup.find_all('li', class_="display-inline-block usa-tag
↪ text-no-lowercase text-base-darkest bg-base-lightest margin-right-1")
for tag in soup_category:
    text=tag.text
    category.append(text)
print(category[19])
```

State Enforcement Agencies

```
#scrape link associated with the enforcement action
hrefs=[]
link_tags=[]
full_links=[]
for tag in usa_card_heading:
    link_tags.append(tag.find('a').attrs)

for link in link_tags:
    href=link.get('href')
    hrefs.append(href)

print(hrefs[19])
prefix='https://oig.hhs.gov/'
for href in hrefs:
    link= prefix+href
    full_links.append(link)

print(full_links)
```