In [1]:
```
# This file was created by Ralph Brekan
from nose.tools import assert_equal, assert_true, assert_false
import numpy as np
import matplotlib.pyplot as plt
import pandas as pd

# We check that you are running Python 3.  You need to use Python 3.
import sys
assert_equal(sys.version_info.major, 3)
```

In [43]:
```
#This loads in the entire dataset into a Dataframe.
dataset = pd.read_csv('cleanDataWithPartiesInflation.csv')
dataset
```

Out[43]:

	cmte_id	state	employer	year	amount	party	adjusted
0	C00096941	KY	INSURANCE SALES AND ADM	1979	1000	DEM	3459.963252
1	C00078295	NY	WILKIE, FARR & GALLAGHER	1979	500	DEM	1729.981626
2	C00078295	NY	WENDER, MURASE & WHITE	1979	1000	DEM	3459.963252
3	C00078295	NY	SMILIN & SAFIER, INC	1979	300	DEM	1037.988976
4	C00078295	NY	MUDGE ROSE ET AL	1979	500	DEM	1729.981626
...	...	...	...	...	...	...	...
30489448	C00694455	DC	THE CALPRO GROUP	2019	200	DEM	200.000000
30489449	C00694455	WA	SELF-EMPLOYED	2019	100	DEM	100.000000
30489450	C00694455	CA	SELF-EMPLOYED	2019	2800	DEM	2799.999997
30489451	C00694455	CA	IT'S A WRAPPER! FILMS	2019	2800	DEM	2799.999997
30489452	C00702340	TX	SELF	2019	25	IND	25.000000

30489453 rows × 7 columns

In [46]:
```
#Collect the data from 1979-1980.
data = dataset.loc[dataset['year'] == 1979]
data2 = dataset.loc[dataset['year'] == 1980]
frames = [data, data2]
#Put both dataframes into a single one.
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data1980.csv',index = False)
data2
```

Out[46]:

	cmte_id	state	employer	year	amount	party	adjusted
0	C00096941	KY	INSURANCE SALES AND ADM	1979	1000	DEM	3459.963252
1	C00078295	NY	WILKIE, FARR & GALLAGHER	1979	500	DEM	1729.981626
2	C00078295	NY	WENDER, MURASE & WHITE	1979	1000	DEM	3459.963252
3	C00078295	NY	SMILIN & SAFIER, INC	1979	300	DEM	1037.988976
4	C00078295	NY	MUDGE ROSE ET AL	1979	500	DEM	1729.981626
...	...	...	...	...	...	...	...
175265	C00003376	TX	OIL OPERATOR	1980	5000	REP	15235.524300
175266	C00003376	CT	INVESTOR	1980	10000	REP	30471.048601
175267	C00003376	TX	PRESIDENT	1980	10000	REP	30471.048601
175268	C00003376	TX	HOUSTON NATURAL GAS CORP	1980	1000	REP	3047.104860
175269	C00003376	NY	REQUESTED	1980	500	REP	1523.552430

175270 rows × 7 columns

In [47]:
```
#Collect the data from 1981-1982.
data = dataset.loc[dataset['year'] == 1981]
data2 = dataset.loc[dataset['year'] == 1982]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data1982.csv',index = False)
data2
```

Out[47]:

	cmte_id	state	employer	year	amount	party	adjusted
175270	C00140756	NY	LEHRMAN CORP	1981	1000	REP	2761.691867
175271	C00139824	CA	FARMER	1981	500	REP	1380.845933
175272	C00139824	CA	HOMEMAKER	1981	10000	REP	27616.918669
175273	C00140756	NY	BRONSTEIN, VANVEEN & BRONSTEIN	1981	500	REP	1380.845933
175274	C00140756	NY	RETIRED	1981	900	REP	2485.522680
...	...	...	...	...	...	...	...
265641	C00089920	IL	UNITED STATES LEAGUE/SAVINGS ASSN	1982	500	DEM	1301.071674
265642	C00089920	CA	BALL, HUNT, HART & BROWN	1982	1000	DEM	2602.143347
265643	C00089920	CA	R & S ASSOCIATES	1982	500	DEM	1301.071674
265644	C00089920	VA	NAT'L ASSN. OF COMM. HEALTH SERVICE	1982	500	DEM	1301.071674
265645	C00089920	CA	LEISURE TECHNOLOGY CORP.	1982	1000	DEM	2602.143347

90376 rows × 7 columns

In [48]:
```
#Collect the data from 1983-1984.
data = dataset.loc[dataset['year'] == 1983]
data2 = dataset.loc[dataset['year'] == 1984]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data1984.csv',index = False)
data2
```

Out[48]:

	cmte_id	state	employer	year	amount	party	adjusted
265646	C00164608	NJ	ATTY	1983	500	DEM	1260.576471
265647	C00164608	PA	GLOBE SECURITY SYSTEMS	1983	1000	DEM	2521.152942
265648	C00164608	CA	SAXON ENTERPRISES	1983	1000	DEM	2521.152942
265649	C00164608	FL	HOMEMAKER	1983	500	DEM	1260.576471
265650	C00164608	FL	CONSTRUCTION ESTIMATOR	1983	500	DEM	1260.576471
...	...	...	...	...	...	...	...
393736	C00003376	SC	CENTRAL NEWS CO	1984	10000	REP	24172.003826
393737	C00003558	NY	LAWYER/ARTIST	1984	1000	DEM	2417.200383
393738	C00003558	WA	EXECUTIVE	1984	750	DEM	1812.900287
393739	C00003376	FL	RETIRED	1984	2500	REP	6043.000957
393740	C00003558	NY	LAWYER/ARTIST	1984	1000	DEM	2417.200383

128095 rows × 7 columns

In [49]:
```
#Collect the data from 1985-1986.
data = dataset.loc[dataset['year'] == 1985]
data2 = dataset.loc[dataset['year'] == 1986]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data1986.csv',index = False)
data2
```

Out[49]:

	cmte_id	state	employer	year	amount	party	adjusted
393741	C00120980	WI	ATTORNEY	1985	892	REP	2082.311388
393742	C00120980	NY	PPN PARTNERS	1985	1000	REP	2334.429807
393743	C00120980	WI	J L FRENCH CORP	1985	500	REP	1167.214904
393744	C00120980	NY	BEAR STEARNS	1985	500	REP	1167.214904
393745	C00120980	NY	BEAR STEARNS	1985	500	REP	1167.214904
...	...	...	...	...	...	...	...
534095	C00021428	CA	C P A	1986	500	REP	1145.473275
534096	C00026757	CA	UNIVERSITY OF CALIF	1986	1000	DEM	2290.946550
534097	C00034173	CT	QUAMCO INC	1986	500	NON	1145.473275
534098	C00026757	CA	ATTORNEY	1986	1000	DEM	2290.946550
534099	C00034173	OH	CINCINNATI GILBERT MT CO	1986	1000	NON	2290.946550

140359 rows × 7 columns

In [50]:
```
#Collect the data from 1987-1988.
data = dataset.loc[dataset['year'] == 1987]
data2 = dataset.loc[dataset['year'] == 1988]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data1988.csv',index = False)
data2
```

Out[50]:

	cmte_id	state	employer	year	amount	party	adjusted
534100	C00029769	TX	ENERGY INSURANCE INT	1987	1000	REP	2209.961127
534101	C00029769	TX	HOUSEWIFE	1987	1000	REP	2209.961127
534102	C00029769	NY	KOHLBERG KRAVIS ETA	1987	1000	REP	2209.961127
534103	C00029769	NJ	PLUMBING CONTRACTOR	1987	1000	REP	2209.961127
534104	C00029769	NJ	PLUMBING CONTRACTOR	1987	1000	REP	2209.961127
...	...	...	...	...	...	...	...
732862	C00214213	CA	ATTORNEY	1988	500	DEM	1061.687688
732863	C00214213	OH	STANDARD OIL	1988	500	DEM	1061.687688
732864	C00214213	NY	HARVEST DINER	1988	500	DEM	1061.687688
732865	C00214213	NY	AUDIOVOX	1988	1000	DEM	2123.375377
732866	C00214213	MA	MCMANUS & MAZEREUS	1988	500	DEM	1061.687688

198767 rows × 7 columns

In [51]:
```
#Collect the data from 1989-1990.
data = dataset.loc[dataset['year'] == 1989]
data2 = dataset.loc[dataset['year'] == 1990]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data1990.csv',index = False)
data2
```

Out[51]:

	cmte_id	state	employer	year	amount	party	adjusted
732867	C00222000	OH	PROCTER & GAMBLE CO	1989	1000	REP	2025.599620
732868	C00202648	WV	RANCHER	1989	1000	REP	2025.599620
732869	C00222000	OH	CAST-FAB TECHNOLOGIES	1989	1000	REP	2025.599620
732870	C00222000	OH	HOMEMAKER	1989	1000	REP	2025.599620
732871	C00222000	OH	PROCTER & GAMBLE	1989	700	REP	1417.919734
...	...	...	...	...	...	...	...
989689	C00166827	CA	PSYCHOTHERAPIST	1990	250	DEM	480.464634
989690	C00166827	WV	AUTHOR	1990	250	DEM	480.464634
989691	C00113662	CO	UTE MOUNTAIN UTE TRIBE	1990	250	DEM	480.464634
989692	C00166827	CA	FOCUS MEDIA	1990	250	DEM	480.464634
989693	C00113662	NM	DECORATOR	1990	500	DEM	960.929267

256827 rows × 7 columns

In [52]:
```
#Collect the data from 1991-1992.
data = dataset.loc[dataset['year'] == 1991]
data2 = dataset.loc[dataset['year'] == 1992]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data1992.csv',index = False)
data2
```

Out[52]:

	cmte_id	state	employer	year	amount	party	adjusted
989694	C00165852	DC	U S SENATE	1991	1000	DEM	1843.775314
989695	C00165852	NY	RETIRED	1991	1000	DEM	1843.775314
989696	C00165852	DC	MOTION PICTURE ASSOC	1991	1000	DEM	1843.775314
989697	C00165852	MD	BARRETT, MONTGOMERY & MURPHY	1991	500	DEM	921.887657
989698	C00165852	DC	NAT'L CTR FOR CLINICAL INFANT PROG	1991	1000	DEM	1843.775314
...	...	...	...	...	...	...	...
1383615	C00197137	AZ	NORTHSIDE HAY CO	1992	300	REP	536.871718
1383616	C00197137	AZ	NORTHSIDE HAY CO	1992	300	REP	536.871718
1383617	C00197137	MA	HOMEMAKER	1992	300	REP	536.871718
1383618	C00197137	AZ	FIRST WESTERN CORP	1992	750	REP	1342.179295
1383619	C00197137	AZ	RETIRED	1992	300	REP	536.871718

393926 rows × 7 columns

In [53]:
```
#Collect the data from 1993-1994.
data = dataset.loc[dataset['year'] == 1993]
data2 = dataset.loc[dataset['year'] == 1994]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data1994.csv',index = False)
data2
```

Out[53]:

	cmte_id	state	employer	year	amount	party	adjusted
1383620	C00042366	CA	MEL PAUL LTD	1993	1000	DEM	1738.264780
1383621	C00042366	FL	SELF-EMPLOYED	1993	1000	DEM	1738.264780
1383622	C00042366	PA	GREENFIELD & CHIMICLES	1993	10000	DEM	17382.647803
1383623	C00042366	CA	PRODUCER	1993	2000	DEM	3476.529561
1383624	C00026740	FL	RETIRED	1993	500	REP	869.132390
...	...	...	...	...	...	...	...
1790661	C00002931	CA	RETIRED	1994	311	REP	526.862709
1790662	C00002931	CA	RETIRED	1994	300	REP	508.227694
1790663	C00002931	CA	SELF-EMPLOYED	1994	2500	REP	4235.230781
1790664	C00002931	OR	ANDERSON DIE & MFG CO	1994	200	REP	338.818462
1790665	C00002931	MD	RETIRED	1994	225	REP	381.170770

407046 rows × 7 columns

In [54]:
```
#Collect the data from 1995-1996.
data = dataset.loc[dataset['year'] == 1995]
data2 = dataset.loc[dataset['year'] == 1996]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data1996.csv',index = False)
data2
```

Out[54]:

	cmte_id	state	employer	year	amount	party	adjusted
1790666	C00257584	MA	FEDERAL EXPRESS	1995	1000	REP	1647.862844
1790667	C00257584	MA	EMC	1995	1000	REP	1647.862844
1790668	C00257584	MA	ASSUMPTION COLLEGE	1995	250	REP	411.965711
1790669	C00257584	MA	COMMERCIAL PILOT	1995	1000	REP	1647.862844
1790670	C00257386	OH	SENCO	1995	300	REP	494.358853
...	...	...	...	...	...	...	...
2490062	C00322859	MI	RETIRED	1996	1000	REP	1600.936136
2490063	C00322859	TX	ATTORNEY AT LAW	1996	250	REP	400.234034
2490064	C00322859	PA	RETIRED	1996	300	REP	480.280841
2490065	C00322859	WY	RETIRED	1996	409	REP	654.782880
2490066	C00322859	CA	AIR FORCE	1996	250	REP	400.234034

699401 rows × 7 columns

In [55]:
```
#Collect the data from 1997-1998.
data = dataset.loc[dataset['year'] == 1997]
data2 = dataset.loc[dataset['year'] == 1998]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data1998.csv',index = False)
data2
```

Out[55]:

	cmte_id	state	employer	year	amount	party	adjusted
2490067	C00295931	WI	LYCON INC	1997	500	REP	782.183054
2490068	C00289983	KY	CREDIT BUREAU SYSTEM	1997	250	REP	391.091527
2490069	C00289983	KY	DR GEORGE R VALENTINI	1997	500	REP	782.183054
2490070	C00295931	WI	BLAIN SUPPLY	1997	1000	REP	1564.366107
2490071	C00295931	WI	GREDE FOUNDRIES INC	1997	1000	REP	1564.366107
...	...	...	...	...	...	...	...
3020635	C00332759	FL	NONE	1998	1000	REP	1540.453963
3020636	C00332759	FL	ATTORNEY	1998	200	REP	308.090793
3020637	C00332759	FL	LAWFIRM	1998	500	REP	770.226981
3020638	C00332759	FL	NONE	1998	1000	REP	1540.453963
3020639	C00332759	FL	ATTORNEY	1998	200	REP	308.090793

530573 rows × 7 columns

In [56]:
```
#Collect the data from 1999-2000.
data = dataset.loc[dataset['year'] == 1999]
data2 = dataset.loc[dataset['year'] == 2000]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data2000.csv',index = False)
data2
```

Out[56]:

	cmte_id	state	employer	year	amount	party	adjusted
3020640	C00006486	IN	BRUCKER ENTERPRISES INC	1999	500	REP	753.735053
3020641	C00006486	IN	HARCOURT OUTLINES	1999	1200	REP	1808.964128
3020642	C00006486	IN	BRAND SUPPLIES INC	1999	1000	REP	1507.470107
3020643	C00247379	CA	THE DEWITT GROUP	1999	500	DEM	753.735053
3020644	C00247379	HI	CARLSMITH BALL	1999	200	DEM	301.494021
...	...	...	...	...	...	...	...
4066020	C00346312	NY	KISKA CONSTRUCTION	2000	500	DEM	729.113917
4066021	C00346544	NY	ABC TV NETWORK	2000	250	DEM	364.556958
4066022	C00346544	DC	DAVIS WRIGHT TREMAINE LLP	2000	1000	DEM	1458.227834
4066023	C00346544	NY	WILLIAM WAYNE & COMPANY	2000	500	DEM	729.113917
4066024	C00346312	CA	CISCO SYSTEMS	2000	1000	DEM	1458.227834

1045385 rows × 7 columns

In [57]:
```
#Collect the data from 2001-2002.
data = dataset.loc[dataset['year'] == 2001]
data2 = dataset.loc[dataset['year'] == 2002]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data2002.csv',index = False)
data2
```

Out[57]:

	cmte_id	state	employer	year	amount	party	adjusted
4066025	C00003418	OH	Retired	2001	250	REP	354.537132
4066026	C00003418	VA	Ch. Schwab & Co./Analyst	2001	500	REP	709.074265
4066027	C00003418	NC	B.P.I. Inc./Assembler	2001	225	REP	319.083419
4066028	C00003418	NY	Retired	2001	250	REP	354.537132
4066029	C00003418	NY	Self-Employed/Real Estate	2001	200	REP	283.629706
...	...	...	...	...	...	...	...
4900804	C00042366	CA	HOMEMAKER	2002	500	DEM	698.003705
4900805	C00042366	NY	GOLDMAN SACHS	2002	10000	DEM	13960.074107
4900806	C00042366	CA	WRITER	2002	1000	DEM	1396.007411
4900807	C00374249	VA	Homemaker	2002	1000	REP	1396.007411
4900808	C00379826	NY	N/A/HOUSEWIFE	2002	1000	REP	1396.007411

834784 rows × 7 columns

In [58]:
```
#Collect the data from 2003-2004.
data = dataset.loc[dataset['year'] == 2003]
data2 = dataset.loc[dataset['year'] == 2004]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data2004.csv',index = False)
data2
```

Out[58]:

	cmte_id	state	employer	year	amount	party	adjusted
4900809	C00384123	MO	SELF EMPLOYED	2003	250	DEM	341.255039
4900810	C00384073	NC	TARHER OF FACTORY OUTLET	2003	2000	DEM	2730.040314
4900811	C00384073	TX	FIRST NATIONAL BANK	2003	250	DEM	341.255039
4900812	C00384073	NM	SELF EMPLOYED	2003	2000	DEM	2730.040314
4900813	C00384073	TX	JOHN VENTURA PC	2003	250	DEM	341.255039
...	...	...	...	...	...	...	...
6312629	C00032334	NE	ALEGENT HEALTH	2004	500	REP	664.714108
6312630	C00032334	NE	RETIRED	2004	250	REP	332.357054
6312631	C00032334	NE	G. I. HOLIDAY INN	2004	200	REP	265.885643
6312632	C00032334	NE	RETIRED	2004	200	REP	265.885643
6312633	C00032334	DC	US GOVERNMENT	2004	300	REP	398.828465

1411825 rows × 7 columns

In [59]:
```
#Collect the data from 2005-2006.
data = dataset.loc[dataset['year'] == 2005]
data2 = dataset.loc[dataset['year'] == 2006]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data2006.csv',index = False)
data2
```

Out[59]:

	cmte_id	state	employer	year	amount	party	adjusted
6312634	C00003418	FL	RETIRED	2005	1000	REP	1285.804137
6312635	C00003418	FL	RETIRED	2005	300	REP	385.741241
6312636	C00003418	MI	RETIRED	2005	500	REP	642.902069
6312637	C00003418	NJ	SELF-EMPLOYED	2005	250	REP	321.451034
6312638	C00003418	MN	RETIRED	2005	250	REP	321.451034
...	...	...	...	...	...	...	...
7381645	C00300830	CA	SELF	2006	1000	REP	1245.621097
7381646	C00300830	CA	BARRATT AMERICAN	2006	2100	REP	2615.804303
7381647	C00300830	CA	SUNROAD ENTERPRISES	2006	300	REP	373.686329
7381648	C00300830	CA	RETIRED	2006	500	REP	622.810548
7381649	C00300830	CA	BURNHAM REAL ESTATE	2006	2100	REP	2615.804303

1069016 rows × 7 columns

In [60]:
```
#Collect the data from 2007-2008.
data = dataset.loc[dataset['year'] == 2007]
data2 = dataset.loc[dataset['year'] == 2008]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data2008.csv',index = False)
data2
```

Out[60]:

	cmte_id	state	employer	year	amount	party	adjusted
7381650	C00410118	MN	SMITH LABORATORIES	2007	1000	REP	1211.073147
7381651	C00410118	MN	HOMEMAKER	2007	2000	REP	2422.146293
7381652	C00430512	CO	SELF-EMPLOYED	2007	250	REP	302.768287
7381653	C00410118	MN	NONE	2007	1000	REP	1211.073147
7381654	C00410118	MN	NONE	2007	300	REP	363.321944
...	...	...	...	...	...	...	...
9703259	C00431445	MA	GERSON CO	2008	300	DEM	349.889341
9703260	C00431445	NY	ALSO MEDUBEY PLANTATIONS	2008	4600	DEM	5364.969900
9703261	C00431445	MA	GERSON CO	2008	-300	DEM	-349.889341
9703262	C00431445	MA	GERSON CO	2008	300	DEM	349.889341
9703263	C00431445	IL	SELF EMPLOYED	2008	500	DEM	583.148902

2321614 rows × 7 columns

In [61]:
```
#Collect the data from 2009-2010.
data = dataset.loc[dataset['year'] == 2009]
data2 = dataset.loc[dataset['year'] == 2010]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data2010.csv',index = False)
data2
```

Out[61]:

	cmte_id	state	employer	year	amount	party	adjusted
9703264	C00003418	MA	CHOATE HALL & STEWART	2009	250	REP	292.614832
9703265	C00003418	NM	AIR FORCE RESEARCH LAB	2009	501	REP	586.400124
9703266	C00003418	NY	INNOTENTI -WEBEL	2009	400	REP	468.183731
9703267	C00003418	KS	RETIRED	2009	200	REP	234.091866
9703268	C00003418	NJ	STONE INDUSTRIES INC.	2009	500	REP	585.229664
...	...	...	...	...	...	...	...
10984313	C00472365	KS	BOEING	2010	200	REP	230.314606
10984314	C00472365	KS	NEEDHAM ASSOC	2010	250	REP	287.893258
10984315	C00472365	GA	SELF	2010	2400	REP	2763.775274
10984316	C00472365	KS	SELF	2010	400	REP	460.629212
10984317	C00472365	KS	POLSINELLI	2010	250	REP	287.893258

1281054 rows × 7 columns

In [62]:
```
#Collect the data from 2011-2012.
data = dataset.loc[dataset['year'] == 2011]
data2 = dataset.loc[dataset['year'] == 2012]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data2012.csv',index = False)
data2
```

Out[62]:

	cmte_id	state	employer	year	amount	party	adjusted
10984318	C00344051	FL	HALL, LAMB & HALL PA	2011	2500	DEM	2790.830480
10984319	C00344051	FL	RIEMER INSURANCE	2011	2500	DEM	2790.830480
10984320	C00344051	FL	RETIRED	2011	500	DEM	558.166096
10984321	C00344051	NY	PATTON BOGGS LLP	2011	250	DEM	279.083048
10984322	C00398644	NY	WILEY ELECTRONICS LLC	2011	2500	DEM	2790.830480
...	...	...	...	...	...	...	...
13022080	C00431445	OR	REALTY TRUST GROUP	2012	250	DEM	273.424963
13022081	C00431445	NC	SELF-EMPLOYED	2012	200	DEM	218.739971
13022082	C00431445	CA	STAN ALLEN PRODUCTIONS	2012	250	DEM	273.424963
13022083	C00431445	CA	NOT EMPLOYED	2012	250	DEM	273.424963
13022084	C00431445	DC	NOT EMPLOYED	2012	500	DEM	546.849927

2037767 rows × 7 columns

In [64]:
```
#Collect the data from 2013-2014.
data = dataset.loc[dataset['year'] == 2013]
data2 = dataset.loc[dataset['year'] == 2014]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data2014.csv',index = False)
data2
```

Out[64]:

	cmte_id	state	employer	year	amount	party	adjusted
13022085	C00445122	VA	LOUGHLIN ENTERPRISES	2013	250	REP	269.477568
13022086	C00445122	PA	DBI SERVICES	2013	500	REP	538.955136
13022087	C00445122	PA	GUIDEMARK, INC.	2013	500	REP	538.955136
13022088	C00445122	IL	HORIZON SIGNAL	2013	250	REP	269.477568
13022089	C00445122	PA	THE SENECA GROUP, LLC	2013	500	REP	538.955136
...	...	...	...	...	...	...	...
14135199	C00543983	TX	RCP	2014	2600	REP	2757.828577
14135200	C00543983	LA	RETIRED	2014	500	REP	530.351649
14135201	C00543983	LA	HEALTH CARE	2014	250	REP	265.175825
14135202	C00543983	TX	BAY AREA REGIONAL MEDICAL	2014	1150	REP	1219.808794
14135203	C00543983	LA	ST. ELIZABETH	2014	1000	REP	1060.703299

1113119 rows × 7 columns

In [65]:
```
#Collect the data from 2015-2016.
data = dataset.loc[dataset['year'] == 2015]
data2 = dataset.loc[dataset['year'] == 2016]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data2016.csv',index = False)
data2
```

Out[65]:

	cmte_id	state	employer	year	amount	party	adjusted
14135204	C00577130	CA	SELF EMPLOYED	2015	70	DEM	74.161256
14135205	C00577130	WV	NOT EMPLOYED	2015	5	DEM	5.297233
14135206	C00577130	OR	NOT EMPLOYED	2015	15	DEM	15.891698
14135207	C00577130	TN	WALGREENS	2015	250	DEM	264.861627
14135208	C00577130	CA	MARSHALL MEDICAL CENTER	2015	10	DEM	10.594465
...	...	...	...	...	...	...	...
21387340	C00042366	CT	NONE	2016	3	DEM	3.138742
21387341	C00042366	IL	NONE	2016	8	DEM	8.369978
21387342	C00042366	MN	NONE	2016	1000	DEM	1046.247229
21387343	C00042366	CO	AAHA! DESIGN STUDIOS	2016	75	DEM	78.468542
21387344	C00042366	AK	NONE	2016	25	DEM	26.156181

7252141 rows × 7 columns

In [66]:
```
#Collect the data from 2017-2018.
data = dataset.loc[dataset['year'] == 2017]
data2 = dataset.loc[dataset['year'] == 2018]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data2018.csv',index = False)
data2
```

Out[66]:

	cmte_id	state	employer	year	amount	party	adjusted
21387345	C00003418	OK	RICHARDSON RICHARDSON BOUDREAUX	2017	35	REP	35.854904
21387346	C00003418	GA	SELF-EMPLOYED	2017	500	REP	512.212916
21387347	C00003418	NJ	HOMEMAKER	2017	100	REP	102.442583
21387348	C00003418	VA	SELF-EMPLOYED	2017	250	REP	256.106458
21387349	C00003418	CA	UNIVERSITY OF LA VERNE	2017	40	REP	40.977033
...	...	...	...	...	...	...	...
27749793	C00196774	MA	NOT EMPLOYED	2018	15	DEM	15.000000
27749794	C00501197	DC	BRAILSFORD & DUNLAVEY	2018	25	DEM	25.000000
27749795	C00196774	MA	NOT EMPLOYED	2018	5	DEM	5.000000
27749796	C00196774	MA	PDH CONSULTING	2018	10	DEM	10.000000
27749797	C00196774	MA	NOT EMPLOYED	2018	100	DEM	100.000000

6362453 rows × 7 columns

In [ ]:
```
#Collect the data from 2019-2020.
data = dataset.loc[dataset['year'] == 2019]
data2 = dataset.loc[dataset['year'] == 2020]
#Put both dataframes into a single one.
frames = [data, data2]
data2 = pd.concat(frames)
#Save data to a CSV.
data2.to_csv('data2020.csv',index = False)
data2
```