Kelly Xie, PPDS Spring 2017
Assignment 3: Web Crawling and Pandas Using Kiplinger Dataset

1. MySQL Database screenshot

Rank	Name	State	AdmitRate	GraduationRate	TotalCost	AvgDebt
1	Princeton University	NJ	0.07	0.9	61140	8577
2	Duke University	NC	0.11	0.86	66963	19104
3	Harvard University	MA	0.06	0.86	64565	16723
4	Vanderbilt University	TN	0.12	0.87	62598	21506
5	Yale University	CT	0.07	0.88	68230	15521
6	Rice University	TX	0.16	0.81	58448	25528
7	California Institute of Technology	CA	0.09	0.85	63000	20677
8	Stanford University	CA	0.05	0.75	63996	21238
9	Brown University	RI	0.09	0.83	66106	22197
10	Massachusetts Institute of Technology	MA	0.08	0.82	63662	23485
11	Dartmouth College	NH	0.11	0.86	67839	19135
12	Columbia University	NY	0.06	0.89	70048	25167
13	Emory University	GA	0.24	0.83	62664	26983
14	Cornell University	NY	0.15	0.86	65813	24394
15	University of Notre Dame	IN	0.2	0.91	65093	27237
16	University of Pennsylvania	PA	0.1	0.87	67280	26157
17	Georgetown University	DC	0.17	0.9	66709	23067

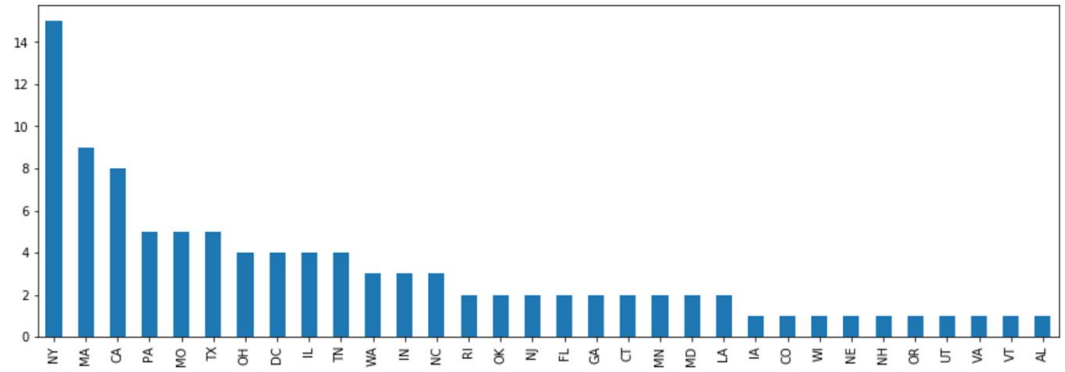
2. PANDAS DataFrame screenshot

Out[43]:

	Rank	Name	State	AdmitRate	GraduationRate	TotalCost	AvgDebt
0	1	Princeton University	NJ	0.07	0.90	61140.0	8577.0
1	2	Duke University	NC	0.11	0.86	66963.0	19104.0
2	3	Harvard University	MA	0.06	0.86	64565.0	16723.0
3	4	Vanderbilt University	TN	0.12	0.87	62598.0	21506.0
4	5	Yale University	CT	0.07	0.88	68230.0	15521.0
5	6	Rice University	TX	0.16	0.81	58448.0	25528.0
6	7	California Institute of Technology	CA	0.09	0.85	63000.0	20677.0
7	8	Stanford University	CA	0.05	0.75	63996.0	21238.0
8	9	Brown University	RI	0.09	0.83	66106.0	22197.0
9	10	Massachusetts Institute of Technology	MA	0.08	0.82	63662.0	23485.0
10	11	Dartmouth College	NH	0.11	0.86	67839.0	19135.0
11	12	Columbia University	NY	0.06	0.89	70048.0	25167.0
12	13	Emory University	GA	0.24	0.83	62664.0	26983.0
13	14	Cornell University	NY	0.15	0.86	65813.0	24394.0
14	15	University of Notre Dame	IN	0.20	0.91	65093.0	27237.0
15	16	University of Pennsylvania	PA	0.10	0.87	67280.0	26157.0

3. PANDAS Bar Graph screenshot

Out[47]: <matplotlib.axes._subplots.AxesSubplot at 0x7fd91d678390>



Graph depicts how many Top 10 colleges are found in each of the 50 states.