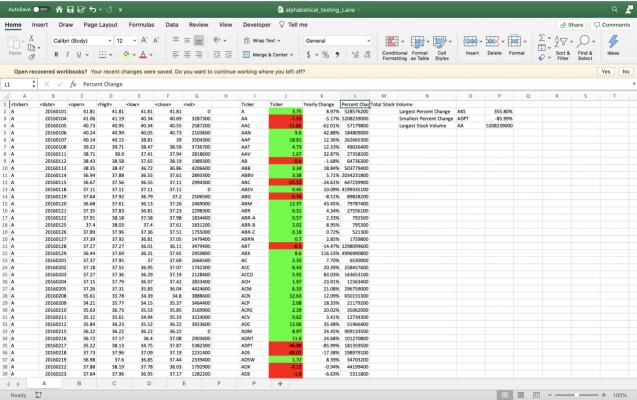<div align="center">

VBA Scripting Screenshots of Data Sets
10.10.2020
Samantha Lane
SMU Bootcamp

</div>

Purpose:
- To experiment coding with VBA.

Challenges:
- Learning how to loop through worksheets.
- Developing the correct code to identify the opening and closing changes.

- Testing Data – Screenshots

L1   Percent Change

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	<ticker>	<date>	<open>	<high>	<low>	<close>	<vol>		Ticker	Ticker	Yearly Change	Percent Chan	Total Stock Volume			
2	A	20160101	41.81	41.81	41.81	41.81	0		A	3.75	8.97%	528576200		Largest Percent Change	AKS	355.80%
3	A	20160104	41.06	41.19	40.34	40.69	3287300		AA	-1.53	-5.17%	5208239000		Smallest Percent Change	ADPT	-85.99%
4	A	20160105	40.73	40.95	40.34	40.55	2587200		AAC	-11.82	-62.01%	57179800		Largest Stock Volume	AA	5208239000
5	A	20160106	40.24	40.99	40.05	40.73	2103600		AAN	9.6	42.88%	184809000				
6	A	20160107	40.14	40.15	38.81	39	3504300		AAP	18.61	12.36%	262665300				
7	A	20160108	39.22	39.71	38.47	38.59	3736700		AAT	4.73	12.33%	49026400				
8	A	20160111	38.71	38.9	37.41	37.94	2818600		AAV	1.67	32.87%	27358200				
9	A	20160112	38.43	38.58	37.65	38.19	1989300		AB	-0.4	-1.68%	64736300				
10	A	20160113	38.35	38.47	36.72	36.86	4206600		ABB	3.34	18.84%	503779400				
11	A	20160114	36.94	37.88	36.55	37.61	2893300		ABBV	3.38	5.71%	2034231800				
12	A	20160115	36.67	37.56	36.55	37.11	2994300		ABC	-25.52	-24.61%	647239900				
13	A	20160118	37.11	37.11	37.11	37.11	0		ABEV	0.45	10.09%	4199335100				
14	A	20160119	37.64	37.92	36.79	37.2	2506500		ABG	-5.74	-8.51%	89828200				
15	A	20160120	36.68	37.61	36.13	37.26	2469000		ABM	12.37	43.45%	79787400				
16	A	20160121	37.35	37.83	36.81	37.23	2298300		ABR	0.31	4.34%	27556100				
17	A	20160122	37.91	38.18	37.58	37.98	1834400		ABR-A	0.57	2.33%	792500				
18	A	20160125	37.4	38.03	37.4	37.61	1831200		ABR-B	2.02	8.95%	795300				
19	A	20160126	37.89	37.96	37.36	37.51	1755000		ABR-C	0.18	0.72%	521300				
20	A	20160127	37.39	37.92	36.81	37.05	1479400		ABRN	0.7	2.85%	1759800				
21	A	20160128	37.27	37.27	36.01	36.11	3479400		ABT	-6.5	-14.47%	2298099600				
22	A	20160129	36.44	37.69	36.31	37.65	2959800		ABX	8.6	116.53%	4996990800				
23	A	20160201	37.37	37.95	37	37.69	2666500		AC	2.35	7.70%	6530000				
24	A	20160202	37.18	37.55	36.95	37.07	1742300		ACC	8.43	20.39%	258457600				
25	A	20160203	37.27	37.36	36.29	37.19	2128400		ACCO	5.92	83.03%	163653100				
26	A	20160204	37.15	37.79	36.97	37.42	2833400		ACH	1.97	23.91%	11563400				
27	A	20160205	37.26	37.31	35.83	36.04	4424600		ACM	6.33	21.08%	296759000				
28	A	20160208	35.61	35.78	34.39	34.8	3888600		ACN	12.63	12.09%	650155300				
29	A	20160209	34.21	35.77	34.15	35.37	3464400		ACP	2.08	18.33%	21179200				
30	A	20160210	35.63	36.73	35.53	35.85	3169900		ACRE	2.29	20.02%	35062000				
31	A	20160211	35.12	35.61	34.94	35.33	3224000		ACV	0.62	3.41%	12734300				
32	A	20160212	35.84	36.23	35.52	36.22	3923600		ADC	12.06	35.48%	51966400				
33	A	20160215	36.22	36.22	36.22	36.22	0		ADM	8.97	24.45%	909133500				
34	A	20160216	36.72	37.17	36.4	37.08	2903600		ADNT	11.6	24.68%	101270800				
35	A	20160217	35.22	38.13	34.75	37.87	5382300		ADPT	-46.88	-85.99%	181359500				
36	A	20160218	37.73	37.96	37.09	37.19	2231400		ADS	-48.07	-17.38%	198979100				
37	A	20160219	36.98	37.6	36.85	37.44	2339400		ADSW	1.72	8.39%	34703200				
38	A	20160222	37.88	38.19	37.78	38.03	1792900		ADX	-0.12	-0.94%	44199400				
39	A	20160223	37.64	37.96	36.95	37.17	1282200		AEB	-1.6	-6.63%	5311800				

alphabetical_testing_Lane — Sheet B

J11 = 73.53

<ticker>	<date>	<open>	<high>	<low>	<close>	<vol>	Ticker	Yearly Chang	Percent Chan	Total Stock Volume			
B	20160101	35.39	35.39	35.39	35.39	0	B	12.03	33.99%	56633600	Largest Perc	BML-J	355.80%
B	20160104	34.67	35.12	34.06	34.31	277300	BA	11.09	7.67%	1111660700	Smallest Per	BBT-D	-85.99%
B	20160105	34.33	34.39	33.87	34.12	204300	BABA	6.54	8.05%	3742094000	Largest Stoc	BA	5208239000
B	20160106	33.59	33.92	33.5	33.86	229000	BAC	5.27	31.31%	2.7429E+10			
B	20160107	33.16	33.34	32.57	32.64	234400	BAC-A	-0.23	-0.92%	43727700			
B	20160108	32.85	32.85	32.19	32.26	229400	BAC-C	-0.06	-0.24%	43552600			
B	20160111	32.48	32.65	31.71	32.56	152900	BAC-D	-0.74	-2.86%	12479800			
B	20160112	33.53	33.93	32.34	32.98	303200	BAC-E	-0.56	-2.50%	15098400			
B	20160113	33.15	33.32	31.53	31.65	228100	BAC-I	-1.44	-5.38%	5943700			
B	20160114	31.86	32.47	31.22	32.1	196400	BAC-L	73.53	6.73%	2481300			
B	20160115	31.06	31.6	30.85	31.49	312900	BAC-W	-1.03	-3.85%	23599700			
B	20160118	31.49	31.49	31.49	31.49	0	BAC-Y	-1.2	-4.49%	25334000			
B	20160120	31.87	31.87	30.84	31.27	203400	BAC-A	4.13	70.96%	165623300			
B	20160120	30.85	31.79	30.43	31.38	210200	BAC-B	0.69	255.56%	54083700			
B	20160121	31.42	31.53	30.79	30.87	222800	BAF	-0.52	-3.52%	6221300			
B	20160122	31.33	31.94	31.03	31.54	138200	BAH	5.22	16.92%	263732400			
B	20160125	31.36	31.48	30.64	30.74	139800	BAK	7.67	56.65%	137314000			
B	20160126	30.98	31.69	30.98	31.6	199000	BAM	1.48	4.69%	285278900			
B	20160127	31.45	31.94	31.17	31.35	173200	BAN-C	-0.76	-2.86%	930500			
B	20160128	31.7	31.99	31.2	31.41	85300	BAN-D	-0.58	-2.23%	3546200			
B	20160129	31.49	32.58	31.4	32.51	309200	BAN-E	0.12	0.48%	7550200			
B	20160201	32.23	32.41	31.8	32.2	153100	BANC	2.73	18.67%	247132700			
B	20160202	31.82	31.85	31.11	31.17	183900	BAP	60.54	62.21%	90719600			
B	20160203	31.52	31.52	30.65	31.22	223800	BAS	32.67	1219.03%	601319000			
B	20160204	31.18	32.08	31.05	31.43	369300	BAX	6.19	16.23%	1488815900			
B	20160205	31.27	31.47	30.95	30.98	455000	BBD	3.9	81.08%	3423802200			
B	20160208	30.67	31.21	30.44	30.99	346200	BBDO	3.63	69.54%	931600			
B	20160209	30.58	31.15	30.55	30.96	267700	BBF	-0.59	-4.04%	5674200			
B	20160210	31.08	31.2	30.69	30.71	325900	BBG	3.06	77.86%	521616400			
B	20160211	30.31	30.86	30.07	30.69	223800	BBK	-0.88	-5.45%	5780600			
B	20160212	30.88	31.23	30.2	30.5	480800	BBL	8.81	38.90%	692412200			
B	20160215	30.5	30.5	30.5	30.5	0	BBN	0.62	2.96%	59273400			
B	20160216	30.82	31.21	30.52	31	600200	BBT	9.21	24.36%	1263676700			
B	20160217	31.2	31.29	30.82	30.82	561500	BBT-D	-1.89	-7.15%	9218200			
B	20160218	30.84	31.86	30.73	31.75	1074400	BBT-E	-2.36	-9.04%	20186600			
B	20160222	32.59	34.75	32.59	33.96	841800	BBT-F	-2.34	-9.32%	8286500			
B	20160222	34.37	34.85	33.64	33.79	713200	BBT-G	-2.45	-9.70%	8763300			
B	20160223	33.6	33.83	33.07	33.53	357900	BBT-H	-0.76	-3.03%	28231300			

alphabetical_testing_Lane — Sheet C

I1 = Ticker

<ticker>	<date>	<open>	<high>	<low>	<close>	<vol>	Ticker	Yearly Chang	Percent Chan	Total Stock Volume			
C	20160101	51.75	51.75	51.75	51.75	0	C	7.68	14.84%	5606480500	Largest Perc	CLN-A	355.80%
C	20160104	50.75	51.19	50.19	51.13	23440100	C-C	-1.14	-4.39%	14039900	Smallest Per	CBL-D	-85.99%
C	20160105	51.54	51.61	50.41	50.86	17444900	C-J	-0.03	-0.11%	27549800	Largest Stoc	C-C	5208239000
C	20160106	50.1	50.58	49.76	50.12	22501800	C-K	-0.51	-1.83%	37907700			
C	20160107	49.07	49.38	47.5	47.56	37902900	C-L	-1.29	-4.70%	11071400			
C	20160108	48.73	48.74	46.03	46.13	30642900	C-N	-0.17	-0.65%	48171600			
C	20160111	46.56	46.99	45.93	46.85	26284500	C-P	-0.78	-2.76%	2123700			
C	20160112	47.49	47.5	46.27	46.88	26309900	C-S	0.65	2.64%	50086600			
C	20160113	47.32	47.35	44.97	45.19	27925800	C.A	-0.03	-16.67%	158592500			
C	20160114	45.42	45.81	44.56	45.38	30129500	CAA	-3.91	-10.31%	373575200			
C	20160115	42.51	43.69	41.85	42.47	52452500	CAB	11.82	25.29%	237011500			
C	20160118	42.47	42.47	42.47	42.47	0	CABO	188.07	43.37%	9902800			
C	20160119	42.85	43.12	41.66	41.94	39032700	CACI	31.52	33.97%	48164400			
C	20160120	40.52	41.03	39.44	40.49	49905400	CAE	2.88	25.97%	18387100			
C	20160121	40.51	41.39	40.03	40.15	34976700	CAF	-2.92	-14.67%	40320700			
C	20160122	41.05	41.35	40.82	41.06	30187100	CAG	-2.61	-6.19%	771793500			
C	20160125	40.81	40.96	39.45	39.55	31924000	CAH	-17.3	-19.38%	628679300			
C	20160126	39.6	40.79	39.5	40.5	23508400	CAI	-1.41	-13.99%	25173400			
C	20160127	40.37	41.69	40.23	40.56	28274700	CAJ	-1.99	-6.60%	73608500			
C	20160128	41.2	41.39	40.07	40.39	23212800	CAL	6	22.37%	83017600			
C	20160129	40.8	42.59	40.78	42.58	36107600	CALX	-0.17	-2.16%	48517800			
C	20160201	42.36	42.83	42	42.48	22860300	CAPL	-0.73	-2.82%	20861700			
C	20160202	41.86	41.86	40.28	40.42	31460900	CAT	24.78	36.46%	1383911100			
C	20160203	40.65	40.71	38.04	40.36	43680200	CATO	-6.74	-18.31%	36666000			
C	20160204	40.11	41.57	40.05	40.79	26697300	CB	-0.52	-0.39%	447803800			
C	20160205	41.02	41.44	39.55	39.86	23599600	CBA	0.99	12.09%	55111900			
C	20160208	39.14	39.18	37.18	37.81	35237100	CBB	4.35	24.17%	179058000			
C	20160209	36.93	38.07	36.68	37.51	39767200	CBB-B	0.9	1.87%	984000			
C	20160210	38.5	39.09	37.38	37.41	33390000	CBD	6.03	57.32%	201832300			
C	20160211	36	36.16	34.52	34.98	48945500	CBG	-3.09	-8.94%	735275000			
C	20160212	36.03	37.87	35.98	37.54	38120300	CBI	-7.24	-18.57%	412542700			
C	20160215	37.54	37.54	37.54	37.54	0	CBK	0.69	41.82%	87558500			
C	20160216	38.59	39.22	38.32	38.89	31802500	CBL	-0.87	-7.03%	593562600			
C	20160217	39.71	40.29	39.5	39.78	29133500	CBL-D	-0.84	-3.32%	12131500			
C	20160218	39.93	39.99	38.62	38.92	24107600	CBL-E	-1.98	-7.94%	8890800			
C	20160219	38.82	39.06	38.06	38.99	22425900	CBM	6.86	14.57%	104409500			
C	20160222	39.67	39.97	39.3	39.52	22028500	CBO	18	1800.00%	373700			
C	20160223	39.12	39.19	38.22	38.22	26234100	CBPX	5.54	22.30%	96353200			

Sheet D

<ticker>	<date>	<open>	<high>	<low>	<close>	<vol>	Ticker	Yearly Change	Percent Change	Total Stock Volume
D	20160101	67.64	67.64	67.64	67.64	0	D	8.95	13.23%	721121300
D	20160104	66.97	67.51	66.33	67.47	3896700	DAC	-3.34	-55.76%	17895900
D	20160105	67.29	68.12	66.25	68.05	2476000	DAL	-1.5	-2.96%	2611801700
D	20160106	67.57	68.87	67.33	68.47	2670700	DAN	5.18	37.54%	481995200
D	20160107	67.67	68.71	67.6	68.51	4011800	DAR	2.39	22.72%	409384800
D	20160108	68.48	68.9	68.38	69.52	5391400	DATA	-52.07	-55.26%	411703100
D	20160111	69.69	69.93	69.31	69.41	3989700	DB	-6.05	-25.05%	1560765100
D	20160112	69.64	69.88	68.51	68.9	4318300	DBD	-4.94	-16.42%	214045800
D	20160113	69.04	69.49	68.86	69.02	3646400	DBL	-2.21	-8.73%	22900200
D	20160114	68.97	69.97	68.85	69.67	3265900	DCA	0.66	17.32%	30151100
D	20160115	69	69.44	68.18	68.47	3964100	DCI	13.42	46.82%	209073500
D	20160118	68.88	68.88	68.88	68.88	0	DCM	2.25	10.98%	48031400
D	20160119	69.23	70.06	68.69	69.9	3037000	DCO	9.34	57.58%	13701600
D	20160120	69.45	69.75	67.94	68.73	3773700	DCT	10.51	28.12%	218363600
D	20160121	69.05	69.05	67.97	68.49	2268600	DCUC	1.98	4.12%	21213100
D	20160122	69.14	69.83	68.52	69.76	2117900	DCUD	-0.8	-1.56%	18748400
D	20160125	69.79	70.14	69.27	69.56	2287300	DD	6.8	10.21%	857358000
D	20160126	69.58	70.56	69.44	69.72	2075800	DD-A	9.5	12.18%	353800
D	20160127	69.61	70.12	69.17	69.71	2320100	DD-B	3.2	3.30%	327700
D	20160128	69.7	71.51	69.43	70.94	3579700	DDC	-0.55	-5.38%	87305900
D	20160129	71.48	72.2	71.03	72.17	3498500	DDD	4.6	52.93%	850322300
D	20160201	70.27	71.42	69.94	70.18	10798500	DDE	0.06	6.19%	6445400
D	20160202	69.24	70.11	68.62	69.89	6008700	DDF	1.16	13.15%	5107400
D	20160203	70.05	70.42	69.28	69.93	5527600	DDR	-1.57	-9.32%	748520000
D	20160204	70.07	71.15	69.62	70.43	4016000	DDR-J	-0.48	-1.90%	4997700
D	20160205	70.34	71.43	69.69	71.06	3758800	DDR-K	-1.27	-5.06%	4569400
D	20160208	70.13	70.89	69.08	69.49	5684700	DDS	-3.02	-4.60%	146040700
D	20160209	69.49	70.87	69.16	70.43	4020400	DDT	-0.88	-3.27%	1713200
D	20160210	70.18	70.74	69.05	70.29	3266600	DE	26.77	35.10%	829664300
D	20160211	69.95	70.49	69.11	69.21	2868600	DEA	2.84	16.53%	50281000
D	20160212	69.34	69.64	68.45	68.94	2942500	DECK	8.19	17.35%	186964100
D	20160215	68.94	68.94	68.94	68.94	0	DEI	5.38	17.25%	222177000
D	20160216	69.49	69.56	68.56	69.15	2385400	DEL	18.2	30.92%	10797100
D	20160217	69.46	69.83	68.8	69.77	2583900	DEO	-5.13	-4.70%	182238100
D	20160218	69.31	70.21	69.19	69.75	6190800	DEX	0.76	8.13%	17958200
D	20160219	69.55	69.77	69	69.46	4156500	DF	4.63	27.00%	535759000
D	20160222	69.78	70.78	69.62	70.74	2529800	DFIN	-5.19	-18.42%	34169200
D	20160223	70.39	71.19	70.27	70.88	2559100	DFP	0.87	3.80%	19567800

		N	O	P
		Largest Perce	DYN	355.80%
		Smallest Perce	DEO	-85.99%
		Largest Stock	DAC	5208239000

Sheet E

<ticker>	<date>	<open>	<high>	<low>	<close>	<vol>	Ticker	Yearly Change	Percent Change	Total Stock Volume
E	20160101	29.8	29.8	29.8	29.8	0	E	2.44	8.19%	117078300
E	20160104	29.39	29.56	28.89	29.42	431800	EAB	-3.23	-12.92%	6576200
E	20160105	29.22	29.28	28.85	29.19	250200	EAE	-3.65	-14.80%	2815000
E	20160106	28.28	28.47	28.18	28.47	199900	EAI	-3.68	-14.81%	15266500
E	20160107	27.71	28.59	27.7	28.2	395600	EARN	0.66	5.34%	9501100
E	20160108	28.07	28.13	27.55	27.55	331500	EAT	1.58	3.30%	332615500
E	20160111	28.14	28.16	27.41	27.65	329400	EBF	-1.9	-9.87%	40526700
E	20160112	28	28.09	27.39	27.73	662500	EBR	5.5	404.41%	64003200
E	20160113	27.98	28.25	27.45	27.47	421100	EBR.B	5.3	205.43%	16496200
E	20160114	28.09	28.85	27.97	28.81	260800	EBS	-7.17	-17.92%	139423100
E	20160115	27.72	27.93	27.31	27.52	242100	EC	2.04	29.10%	293810700
E	20160118	27.52	27.52	27.52	27.52	0	ECA	6.65	130.65%	4105117800
E	20160119	27.6	27.69	27.14	27.37	406700	ECC	0.28	1.70%	8697500
E	20160120	26.87	27.06	26.22	26.82	478100	ECCA	0.35	1.38%	975900
E	20160121	26.84	27.55	26.57	27.46	407700	ECCB	0.15	0.59%	565300
E	20160122	28.44	28.48	28.02	28.44	302700	ECCZ	0.85	3.42%	2115900
E	20160125	28	28.16	27.44	27.64	419100	ECL	2.84	2.48%	284477200
E	20160126	28.03	28.62	27.79	28.48	195300	ECOM	0.5	3.61%	30689600
E	20160127	28.23	28.75	28.15	28.36	323000	ECR	0.85	46.70%	327713100
E	20160128	29.39	29.4	28.47	29	371500	ECT	0.64	42.38%	15936300
E	20160129	28.9	29.15	28.49	28.95	387000	ED	9.41	14.64%	508875300
E	20160201	28.58	28.78	28.36	28.75	331400	EDD	0.37	5.44%	75135600
E	20160202	27.53	27.59	27.06	27.17	269400	EDE	6.02	21.45%	73595300
E	20160203	27.55	28.18	26.93	28.15	625500	EDF	2.59	21.49%	23705000
E	20160204	28.43	28.99	28.4	28.65	289400	EDI	2.38	20.93%	17030100
E	20160205	28.13	28.24	27.82	27.87	255200	EDN	10.32	58.87%	13321700
E	20160208	27.21	27.25	26.87	27.18	555000	EDR	4.42	11.67%	180186400
E	20160209	26.58	26.77	26.02	26.22	588700	EDU	10.73	34.20%	365906100
E	20160210	25.74	26.31	25.64	25.97	493600	EE	8	20.78%	52999300
E	20160211	25.26	25.5	24.73	25	532300	EEA	-0.34	-4.22%	3756200
E	20160212	25.78	26.25	25.59	26.18	295000	EEP	2.41	10.45%	321786400
E	20160215	26.18	26.18	26.18	26.18	0	EEQ	3.57	15.99%	72358700
E	20160216	26.72	26.72	26.07	26.4	511700	EFC	-1.26	-7.51%	20598000
E	20160217	26.7	27.5	26.67	27.39	325300	EFF	2.99	21.13%	7592800
E	20160218	27.13	27.16	26.5	26.5	200800	EFR	2.32	18.69%	28790000
E	20160219	26.45	26.65	26.28	26.65	451600	EFT	2.26	17.88%	32543700
E	20160222	27	27.47	27	27.31	331900	EFX	6.86	6.16%	191767100
E	20160223	27.12	27.23	26.54	26.54	328600	EGF	-0.46	-3.37%	3314200

		N	O	P
		Largest Perce	ETR	355.80%
		Smallest Perce	EFF	-85.99%
		Largest Stock	EAB	5208239000

Year Stock Data — Excel Screenshots

Screenshot 1 — sheet "F"

\<ticker\>	\<date\>	\<open\>	\<high\>	\<low\>	\<close\>	\<vol\>	Ticker	Yearly Change	Percent Change	Total Stock Volume		Largest Percent Change	355.80%
F	20160101	14.09	14.09	14.09	14.09	0	F	-1.96	-13.91%	9032398200		Smallest Per FF	-85.99%
F	20160104	13.87	14	13.75	13.97	38618500	FAC	-1.34	-56.30%	7133900		Largest Stoc FAC	5208239000
F	20160105	13.97	14	13.51	13.72	50267500	FAF	0.73	2.03%	191366100			
F	20160106	13.56	13.56	13.05	13.11	61285400	FAM	1.03	10.17%	9892100			
F	20160107	12.9	13.04	12.6	12.7	57846600	FBC	3.83	16.57%	45608200			
F	20160108	13.05	13.1	12.5	12.54	46199400	FBHS	-2.04	-3.68%	378644600			
F	20160111	12.8	12.82	12.55	12.77	41269100	FBK	4.8	22.70%	10334400			
F	20160112	13.03	13.04	12.58	12.85	50983600	FBP	3.36	103.38%	236500500			
F	20160113	12.73	12.84	12.06	12.2	102174600	FBR	-3.08	-24.27%	414224100			
F	20160114	12.19	12.31	11.82	12.19	62938600	FC	3.41	20.37%	11467300			
F	20160115	11.81	12	11.58	11.97	69029900	FCAU	-4.87	-34.81%	1831803100			
F	20160119	11.97	11.97	11.97	11.97	0	FCB	11.91	33.28%	59370400			
F	20160119	12.15	12.16	11.82	11.95	41142600	FCE.A	-1.09	-4.97%	400064100			
F	20160120	11.79	12.07	11.47	11.9	59879000	FCE.B	5.06	23.14%	392800			
F	20160121	12.01	12.28	11.86	12.01	48841700	FCF	5.11	56.34%	71437800			
F	20160122	12.26	12.36	12.03	12.14	44537800	FCFS	-5.49	-10.46%	21569900			
F	20160125	12.3	12.31	11.93	11.98	96738500	FCH	0.71	9.73%	303898200			
F	20160126	12.14	12.29	12.04	12.26	45969700	FCH-A	-0.24	-0.95%	4592200			
F	20160127	12.05	12.1	11.73	11.85	42064200	FCN	10.42	30.06%	60545400			
F	20160128	12.03	12.06	11.2	11.71	75699700	FCPT	-3.64	-15.07%	151872600			
F	20160129	11.83	11.94	11.65	11.94	52137300	FCT	1.48	11.98%	17457900			
F	20160201	11.92	12.14	11.73	12.07	37301100	FCX	6.42	94.83%	1.0511E+10			
F	20160202	11.95	12.08	11.45	11.51	55649100	FDC	-1.83	-11.42%	1200612100			
F	20160203	11.67	11.68	11.02	11.46	69454500	FDEU	-1.64	-9.56%	20368300			
F	20160204	11.37	11.69	11.26	11.53	40223100	FDP	21.75	55.94%	58711300			
F	20160205	11.52	11.7	11.42	11.45	33322100	FDS	0.86	0.53%	83300100			
F	20160208	11.39	11.69	11.25	11.59	45274500	FDX	37.21	24.97%	4307310000			
F	20160209	11.47	11.61	11.22	11.35	48956700	FE	-0.76	-2.40%	1063377800			
F	20160210	11.46	11.57	11.33	11.34	38160200	FEI	2.92	22.09%	48111300			
F	20160211	11.17	11.43	11.1	11.17	45801300	FELP	2.94	83.29%	45872300			
F	20160212	11.25	11.58	11.18	11.55	28084900	FENG	-2.88	-47.84%	26403100			
F	20160215	11.55	11.55	11.55	11.55	0	FEO	0.83	6.36%	5169500			
F	20160216	11.75	11.88	11.53	11.87	41072000	FET	9.54	76.57%	264377900			
F	20160217	11.99	12.3	11.98	12.27	37766400	FF	0.4	2.96%	33506300			
F	20160218	12.4	12.44	12.12	12.26	28784700	FFA	0.31	2.35%	13558700			
F	20160219	12.19	12.22	12.01	12.1	26479300	FFC	-1.21	-6.03%	33273000			
F	20160222	12.24	12.56	12.24	12.56	33549700	FFG	14.51	22.80%	8940500			
F	20160223	12.53	12.65	12.42	12.42	30136700	FGB	1.49	26.75%	10045900			

Screenshot 2 — sheet "P"

\<ticker\>	\<date\>	\<open\>	\<high\>	\<low\>	\<close\>	\<vol\>	Ticker	Yearly Change	Percent Change	Total Stock Volume		Largest Percent Change	PRH	355.80%
P	20140101	26.6	26.6	26.6	26.6	0	P	-8.77	-32.97%	2087326500		Smallest Percent Change	PDS	-85.99%
P	20140102	26.46	27.23	26.26	26.76	6227100	PAA	-0.45	-0.87%	265764400		Largest Stock Volume	PAA	5208239000
P	20140103	26.9	27.69	26.77	27.59	6102100	PAC	9.98	18.75%	15869800				
P	20140106	29.1	32.45	29	31.49	29006500	PACD	-68.2	-59.51%	143918500				
P	20140107	31.22	33.7	31.2	32.44	20493000	PAG	1.91	4.05%	88908800				
P	20140108	32.66	34.46	32.6	32.7	18484900	PAGP	-3.27	-4.07%	259521900				
P	20140109	32.88	33.47	31.94	32.78	10140000	PAH	8.22	54.80%	173849700				
P	20140110	32.84	33.53	32.15	33.47	8242700	PAI	0.27	2.05%	5172200				
P	20140113	33.36	34.07	32.06	32.53	9779100	PAM	4.78	91.22%	56387900				
P	20140114	33.25	34.41	32.95	34.13	8840400	PANW	65.1	113.28%	452349800				
P	20140115	34.39	35.48	34.34	35.05	9958100	PAR	0.7	12.84%	5169600				
P	20140116	34.99	36.3	34.64	35.74	7323000	PAY	10.38	38.70%	405653900				
P	20140117	35.74	36.02	34.61	35.12	6073700	PAYC	8.43	47.09%	27249800				
P	20140120	35.12	35.12	35.12	35.12	0	PB	-8.03	-12.67%	93218300				
P	20140121	35.67	35.99	34.54	35.01	5920400	PBA	1.18	3.35%	57831200				
P	20140122	35.34	35.7	34.47	34.62	4626900	PBF	-4.82	-15.32%	414276800				
P	20140123	34.72	34.87	33.57	34.64	4375000	PBFX	-6.65	-23.75%	24815700				
P	20140124	34.58	34.58	33.37	33.55	5481100	PBH	-1.08	-3.02%	87008100				
P	20140127	33.85	34.2	32.36	33.12	5644200	PBI	1.07	4.59%	555659700				
P	20140128	33.55	34.05	33.33	33.94	4065700	PBI-B	2.19	8.95%	7698900				
P	20140129	33.51	34.2	32.78	32.92	4881300	PBR	-6.48	-47.02%	7733747800				
P	20140130	35.18	37.95	34.8	36.53	13030000	PBR.A	-7.11	-48.40%	3233705500				
P	20140131	36.71	36.8	35.6	36.07	6497300	PBT	-3.31	-25.74%	39823900				
P	20140203	36.68	37.73	34.39	34.98	10863900	PBYI	85.74	82.82%	99964400				
P	20140204	35.97	36.03	34.77	35.8	5768500	PCF	-0.15	-1.82%	10939400				
P	20140205	36	36.3	34.06	35.83	13650600	PCG	12.96	32.17%	763105900				
P	20140206	33.18	34	30.93	32.23	22861000	PCI	-1.83	-8.14%	142940300				
P	20140207	32.35	34.97	32.32	34.34	11224500	PCK	0.51	5.67%	14983100				
P	20140210	34.04	35.1	33.36	34.75	10708200	PCM	-1	-8.58%	7374500				
P	20140211	34.55	35.74	34.15	35.47	6840300	PCN	-0.69	-4.37%	24848100				
P	20140212	35.61	36.41	35.2	35.64	6286600	PCQ	2.64	20.29%	11206000				
P	20140213	35.14	36.22	34.9	36.16	7151900	PDI	1.61	5.53%	58733900				
P	20140214	36.02	36.2	35.64	36.14	6301800	PDM	2.32	14.04%	225620300				
P	20140217	36.14	36.14	36.14	36.14	0	PDS	-3.31	-35.33%	570200300				
P	20140218	36	38.21	35.97	37.97	11029200	PDT	2.15	18.53%	29148600				
P	20140219	37.77	37.89	36.69	37.09	6116700	PE	-6.34	-28.43%	233848400				
P	20140220	37.26	38.17	36.83	37.5	4877700	PEB	14.87	48.34%	89129900				
P	20140221	37.7	38.42	36.97	37.18	6016400	PEB-C	5.29	25.97%	3085800				

- Year Stock Data Screen Shots

Sheet: 2014

<ticker>	<date>	<open>	<high>	<low>	<close>	<vol>		Ticker	Yearly Change	Percent Change	Total Stock Volume				
A	20140101	57.19	57.19	57.19	57.19	0		A	-16.25	-28.41%	572978100		Largest Percent Change	TRK	11675.00%
A	20140102	57.1	57.1	56.15	56.21	1916100		AA	15.48	48.54%	5161412000		Smallest Percent Change	EROS	-91.49%
A	20140103	56.39	57.35	56.26	56.92	1866600		AA-B	1.34	2.73%	21618200		Largest Stock Volume	BCX	27428529600
A	20140106	57.4	57.7	56.56	56.64	1777400		AAC	10.92	54.60%	9789700				
A	20140107	56.95	57.63	56.93	57.45	1463200		AAN	1.17	3.98%	237929300				
A	20140108	57.33	58.54	57.17	58.39	2659400		AAP	48.6	43.91%	200376400				
A	20140109	58.4	58.68	57.87	58.41	1757600		AAT	8.38	26.66%	40207800				
A	20140110	58.51	59.01	58.14	58.93	1623300		AAV	0.45	10.37%	86658700				
A	20140113	58.77	59.1	58.6	58.93	2946700		AB	-4.49	21.04%	83051600				
A	20140114	59.16	59.95	59.02	59.88	2562200		ABB	-5.41	-20.37%	466820000				
A	20140115	59.82	60.37	59.59	60.34	2335100		ABBV	12.63	23.92%	2303237600				
A	20140116	60.24	60.5	60.04	60.5	1835900		ABC	19.85	28.23%	428969000				
A	20140117	60.83	60.83	60.33	60.71	1699500		ABEV	-1.13	-15.37%	3208014300				
A	20140120	60.71	60.71	60.71	60.71	0		ABG	22.18	41.27%	81065600				
A	20140121	60.69	60.88	59.86	60.85	3008400		ABM	0.06	0.21%	52403000				
A	20140122	60.82	61.22	60.71	60.93	2769300		ABR	0.11	1.65%	28348400				
A	20140123	60.48	60.51	59.4	59.47	3063500		ABR-A	0.77	3.18%	1798500				
A	20140124	59.46	59.46	57.71	57.87	2656300		ABR-B	2.09	9.24%	1722000				
A	20140127	57.9	58.37	56.98	58.3	4669000		ABR-C	0.94	3.86%	1758200				
A	20140128	58.5	58.88	57.91	58.1	2536200		ABRN	0.49	2.04%	3451100				
A	20140129	57.67	58.22	57.41	57.65	2163000		ABT	6.69	17.45%	1516024700				
A	20140130	58.42	60.11	58.42	59.51	3743100		ABX	-6.38	-39.02%	3085372400				
A	20140131	58.41	59.15	58.05	58.15	3529000		ACC	9.15	28.41%	180543400				
A	20140203	58.15	58.48	56.08	56.15	2929200		ACCO	2.29	34.08%	223248000				
A	20140204	56.32	57.88	56.09	57.81	2911800		ACH	2.82	32.41%	34117500				
A	20140205	57.58	57.7	56.96	57.43	2283800		ACM	0.94	3.19%	303393900				
A	20140206	57.51	58.35	57.46	58.29	1609400		ACN	7.09	8.62%	705479100				
A	20140207	58.46	59.47	58.13	59.42	1975200		ACP	-2.47	-14.05%	14206700				
A	20140210	59.27	59.44	58.29	59.01	1760400		ACRE	-1.62	-12.37%	44197000				
A	20140211	59	60	58.88	59.73	2148200		ACW	0.61	16.35%	60360500				
A	20140212	60	60.46	59.67	59.89	2347200		ADC	2.07	7.13%	16456400				
A	20140213	59.45	60.38	59.37	60.08	3097000		ADM	8.6	19.82%	899005700				
A	20140217	57.15	57.77	54.87	55.25	17862700		ADPT	12.24	48.65%	19722500				
A	20140217	55.25	55.25	55.25	55.25	0		ADS	23.12	8.79%	178760600				
A	20140218	55.38	56.04	54.96	55.15	6553800		ADX	0.61	4.67%	34090400				
A	20140219	55.01	56.65	54.9	55.94	4838700		AEB	3.8	19.31%	7019700				
A	20140220	56.14	57.54	56.05	57.29	4629700		AED	1.82	7.72%	9710300				
A	20140221	57.25	57.4	56.32	56.34	2407100		AEE	9.97	27.57%	412343900				
A	20140224	56.45	56.98	56.4	56.75	2392700		AEG	-1.98	-20.89%	245332800				
A	20140225	56.8	57.57	56.89		3375100		AEH	2.09	8.93%	17897000				
A	20140226	56.98	57.62	56.75	57.1	2400900		AEK	-0.07	-0.25%	11292400				
A	20140227	57.02	57.28	56.19	56.36	3123700		AEL	2.81	10.65%	136859700				
A	20140228	56.45	57.11	56.4	56.93	2876200		AEM	-1.49	-5.65%	600094300				
A	20140303	56.12	57.12	55.79	56.71	2488300		AEO	-0.52	-3.61%	1376762500				
A	20140304	57.31	58	56.98	57.78	2841900		AEP	13.98	29.91%	680782800				
A	20140305	57.71	58	57.56	57.8	3113500		AER	0.47	1.23%	286370900				
A	20140306	58.39	59.32	58.14	58.77	5178800		AES	-0.74	-5.10%	1286666200				
A	20140307	59.06	59.2	57.52	58.42	3247100		AES-C	0.71	1.41%	2214100				

Sheet tabs: 2016 | 2015 | **2014**

Sheet: 2015

<ticker>	<date>	<open>	<high>	<low>	<close>	<vol>		Ticker	Yearly Change	Percent Change	Total Stock Volume				
A	20150101	40.94	40.94	40.94	40.94	0		A	0.87	2.13%	645319200		Largest Percent Change	STT-E	11675.00%
A	20150102	41.18	41.31	40.37	40.56	1530700		AA	-17.76	-37.49%	6449104200		Smallest Percent Change	EHIC	-91.49%
A	20150105	40.32	40.46	39.7	39.8	2042200		AA-B	-17.14	-33.97%	40441700		Largest Stock Volume	BBK	27428529600
A	20150106	39.81	40.02	39.02	39.18	2084500		AAC	-11.86	-38.36%	78122300				
A	20150107	39.52	39.81	39.29	39.7	3359600		AAN	-8.18	-26.76%	179606700				
A	20150108	40.24	40.98	40.18	40.89	2116300		AAP	-8.77	-5.51%	266930500				
A	20150109	41	41	40.29	40.59	1644900		AAT	-1.46	-3.67%	48158100				
A	20150112	40.61	40.72	39.95	40.11	2771100		AAV	0.29	6.05%	30229400				
A	20150113	40.47	40.7	39.33	39.55	2013400		AB	-1.98	-7.67%	71403800				
A	20150114	39.03	39.1	38.21	39.06	5134000		ABB	-3.42	-16.17%	532805500				
A	20150115	39.33	39.41	37.99	38.01	2630200		ABBV	-6.2	-9.47%	2643021600				
A	20150116	37.86	38.46	37.76	38.25	3003900		ABC	13.55	15.03%	516218400				
A	20150119	38.25	38.25	38.25	38.25	0		ABEV	-1.76	-28.30%	3915345800				
A	20150120	38.43	38.66	37.76	37.93	5033600		ABG	-8.48	-11.17%	82930400				
A	20150121	37.75	38.41	37.68	38.16	2721600		ABM	-0.18	-0.63%	72539400				
A	20150122	38.51	39.86	38.12	39.65	4856500		ABR	0.38	5.61%	37916900				
A	20150123	39.6	39.6	38.76	38.81	1519200		ABR-A	-0.49	-1.96%	1243100				
A	20150126	38.79	39.17	38.47	39.15	1511200		ABR-B	-2.14	-8.66%	1022000				
A	20150127	38.7	39.25	38.58	38.75	1703500		ABR-C	-0.12	-0.47%	634000				
A	20150128	39.01	39.05	37.96	38	2033500		ABRN	0.1	0.41%	2109900				
A	20150129	38	38.47	37.69	38.46	2329900		ABT	-0.11	-0.24%	1469310700				
A	20150130	38.01	38.32	37.71	37.77	3054300		ABX	-3.31	-31.35%	4289215100				
A	20150202	37.9	38.76	37.71	38.69	2508400		AC	1	3.39%	437700				
A	20150203	39.04	39.63	38.92	39.62	2950300		ACC	-0.02	-0.05%	228980000				
A	20150204	39.33	39.46	38.82	39.11	2567400		ACCO	-1.88	-20.87%	167330800				
A	20150205	39.22	39.82	39.22	39.53	1826300		ACH	-3.28	-28.47%	35801000				
A	20150206	39.54	39.81	39.23	39.34	2697200		ACM	-0.34	-1.12%	362299600				
A	20150209	39.23	39.43	38.95	39.04	3586100		ACN	15.19	17.01%	625655000				
A	20150210	39.31	39.76	38.78	39.67	1408700		ACP	-3.76	-24.88%	14348400				
A	20150211	39.64	39.81	39.23	39.33	3337000		ACRE	-0.04	-0.35%	39118800				
A	20150212	39.58	40.06	39.53	40.02	1317700		ACV	-6.79	-27.21%	11539300				
A	20150213	39.97	40.31	39.91	40.15	2211900		ACW	-2.68	-61.75%	46092000				
A	20150216	40.15	40.15	40.15	40.15	0		ADC	2.9	9.33%	27995400				
A	20150217	40.01	40.53	39.76	40.52	2875700		ADM	-15.32	-29.46%	998224500				
A	20150218	41.12	42.2		41.54	9007200		ADPT	17.12	45.78%	82504100				
A	20150219	41.4	41.57	41.04	41.15	3737300		ADS	-9.48	-3.31%	108101200				
A	20150220	41.09	42.11	40.88	41.95	2971800		ADX	-0.85	-6.21%	31402600				
A	20150223	41.89	41.96	41.49	41.73	1967900		AEB	0.65	2.77%	4267500				
A	20150224	41.62	42.1	41.6	42.06	1922100		AED	0.45	1.77%	4930700				
A	20150225	42.34	42.49	42.09	42.2	2343400		AEE	-2.9	-6.29%	419963700				
A	20150226	42.23	42.38	42	42.36	1505400		AEG	-1.83	-24.40%	308824100				
A	20150227	42.3	42.36	42.05	42.21	1676300		AEH	0.28	1.10%	12978100				
A	20150302	42.34	42.74	42.34	42.7	1847000		AEK	-0.58	-2.06%	8268400				
A	20150303	42.43	42.57	42.14	42.26	1635400		AEL	-5.16	-17.68%	134214500				
A	20150304	41.95	42.16	41.73	42	1305900		AEM	1.39	5.58%	682224900				
A	20150305	41.99	42.24	41.84	42.22	1376400		AEO	1.62	11.67%	1255753900				
A	20150306	41.95	42.05	41.49	41.53	1528500		AEP	-2.45	-4.03%	709551700				
A	20150309	41.54	41.89	41.44	41.74	1492300		AER	4.34	11.18%	527225700				

Sheet tabs: 2016 | **2015** | 2014

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	<ticker>	<date>	<open>	<high>	<low>	<close>	<vol>		Ticker	Yearly Change	Percent Change	Total Stock Volume				
2	A	20160101	41.81	41.81	41.81	41.81	0		A	3.75	8.97%	528576200		Largest Percent Change	SD	11675.00%
3	A	20160104	41.06	41.19	40.34	40.69	3287300		AA	-1.53	-5.17%	5208239000		Smallest Percent Change	DYN.W	-91.49%
4	A	20160105	40.73	40.95	40.34	40.55	2587200		AAC	-11.82	-62.01%	57179800		Largest Stock Volume	BAC	27428529600
5	A	20160106	40.24	40.99	40.05	40.73	2103600		AAN	9.6	42.88%	184809000				
6	A	20160107	40.14	40.15	38.81	39	3504300		AAP	18.61	12.36%	262665300				
7	A	20160108	39.22	39.71	38.47	38.59	3736700		AAT	4.73	12.33%	49026400				
8	A	20160111	38.71	38.9	37.41	37.94	2818600		AAV	1.67	32.87%	27358200				
9	A	20160112	38.43	38.58	37.65	38.19	1989300		AB	-0.4	-1.68%	64736300				
10	A	20160113	38.35	38.47	36.72	36.86	4206600		ABB	3.34	18.84%	503779400				
11	A	20160114	36.94	37.88	36.55	37.61	2893300		ABBV	3.38	5.71%	2034231800				
12	A	20160115	36.67	37.56	36.55	37.11	2994300		ABC	-25.93	-24.61%	647239900				
13	A	20160118	37.11	37.11	37.11	37.11	0		ABEV	0.45	10.09%	4199335100				
14	A	20160119	37.64	37.92	36.79	37.2	2506500		ABG	-6.76	-8.51%	89828200				
15	A	20160120	36.68	37.61	36.13	37.26	2469000		ABM	12.37	43.45%	79787400				
16	A	20160121	37.35	37.83	36.81	37.23	2298300		ABR	0.31	4.34%	27556100				
17	A	20160122	37.91	38.18	37.58	37.98	1834400		ABR-A	0.57	2.33%	792500				
18	A	20160125	37.4	38.03	37.4	37.61	1831200		ABR-B	2.02	8.95%	795300				
19	A	20160126	37.89	37.96	37.36	37.51	1755000		ABR-C	0.18	0.72%	521300				
20	A	20160127	37.39	37.92	36.81	37.05	1479400		ABRN	0.7	2.85%	1759800				
21	A	20160128	37.27	37.27	36.01	36.11	3479400		ABT	-6.5	-14.47%	2298099600				
22	A	20160129	36.44	37.69	36.31	37.65	2959800		ABX	8.6	116.53%	4996990800				
23	A	20160201	37.37	37.95	37	37.69	2666500		AC	2.35	7.70%	6530000				
24	A	20160202	37.18	37.55	36.95	37.07	1742300		ACC	8.43	20.39%	258457600				
25	A	20160203	37.27	37.36	36.29	37.19	2128400		ACCO	5.92	83.03%	163653100				
26	A	20160204	37.15	37.79	36.97	37.42	2833400		ACH	1.97	23.91%	11563400				
27	A	20160205	37.26	37.31	35.83	36.04	4424600		ACM	6.33	21.08%	296759000				
28	A	20160208	35.61	35.78	34.39	34.8	3888600		ACN	12.63	12.09%	650155300				
29	A	20160209	34.21	35.77	34.15	35.37	3464400		ACP	2.08	18.33%	21179200				
30	A	20160210	35.63	36.73	35.53	35.85	3169900		ACRE	2.29	20.02%	35062000				
31	A	20160211	35.12	35.61	34.94	35.33	3224000		ACV	0.62	3.41%	12734300				
32	A	20160212	35.84	36.23	35.52	36.22	3923600		ADC	12.06	35.48%	51966400				
33	A	20160215	36.22	36.22	36.22	36.22	0		ADM	8.97	24.45%	909133500				
34	A	20160216	36.72	37.17	36.4	37.08	2903600		ADNT	11.6	24.68%	101270800				
35	A	20160217	35.22	38.13	34.75	37.87	5382300		ADPT	-46.89	-85.99%	181359500				
36	A	20160218	37.73	37.96	37.09	37.19	2231400		ADS	-48.07	-17.38%	198979100				
37	A	20160219	36.98	37.6	36.85	37.44	2339400		ADSW	1.72	8.39%	34703200				
38	A	20160222	37.88	38.19	37.78	38.03	1792900		ADX	-0.12	-0.94%	44199400				
39	A	20160223	37.64	37.96	36.95	37.17	1282200		AEB	-1.6	-6.63%	5311800				
40	A	20160224	36.65	37.5	36.47	37.48	1454900		AED	-0.7	-2.71%	5932500				
41	A	20160225	37.62	37.71	36.96	37.63	1453500		AEE	9.23	21.35%	448588700				
42	A	20160226	37.75	37.92	37.44	37.59	944200		AEG	-0.14	-2.47%	492308100				
43	A	20160229	37.59	37.7	37.33	37.35	2187500		AEH	-0.74	-2.87%	16856300				
44	A	20160301	37.63	38.66	37.61	38.59	2760100		AEK	-1.49	-5.41%	10721900				
45	A	20160302	38.49	39.27	38.41	39.04	3612500		AEL	-1.89	-6.20%	200190700				
46	A	20160303	38.92	39.23	38.74	39.2	946800		AEM	15.72	59.82%	609302500				
47	A	20160304	39.14	39.58	39.03	39.34	1124900		AEO	-0.33	-2.13%	1367241800				
48	A	20160307	39.04	39.68	38.96	39.43	1221500		AEP	4.69	8.05%	705384600				
49	A	20160308	38.97	39.13	38.01	38.09	1801400		AER	-1.55	-3.59%	605224000				

Sheet tabs: 2016 | 2015 | 2014