



INTERNATIONAL JOURNAL OF ADVANCE RESEARCH, IDEAS AND INNOVATIONS IN TECHNOLOGY

ISSN: 2454-132X

Impact factor: 6.078

(Volume 6, Issue 2)

Available online at: www.ijariit.com

Quantitative Techniques

Darsh Torani

darsht03@gmail.com

NMIMS Anil Surendra Modi School of Commerce, Mumbai, Maharashtra

ABSTRACT

The project shows the statistical analysis of the stock prices of Tesla. It is dated from 17-9-2014 to 17-3-2017. It calculates the value of stock prices on a daily basis in the specified period. It calculates the 5 daily moving average, the regression equations, trend lines and displays the same graphically

Keywords— Stock Prices

1. INTRODUCTION

Tesla's biggest institutional investor believes the company is in better shape these days thanks to the "emotional" support its chairwoman is providing CEO Elon Musk. James Anderson, the head of global equities for Scottish investment firm Baillie Gifford, Tesla's biggest shareholder, said in an interview with the Financial Times that he feels "more comfortable" these days, thanks in large part to the changes Tesla has made to its board in recent years.

2. DATA

Table 1: Data

Sr no	Date	Closing price	Moving average	X=year-mid year		Closing price	Trend value	#n/a	Closing price
1	9/17/2014	261.380005		-314.5		261.380005	230.5074053	#N/A	261.380005
2	9/18/2014	263.820007		-313.5		263.820007	230.4882274	#N/A	263.820007
3	9/19/2014	259.320007	256.9920044	-312.5s	315.5	259.320007	230.4690496	#N/A	259.320007
4	9/22/2014	250.029999	255.1440032	-311.5		250.029999	230.4498717	#REF!	250.029999
5	9/23/2014	250.410004	251.7700012	-310.5		250.410004	230.4306938	#REF!	250.410004
6	9/24/2014	252.139999	249.226001	-309.5		252.139999	230.411516	#REF!	252.139999
7	9/25/2014	246.949997	248.2720002	-308.5		246.949997	230.3923381	#REF!	246.949997
8	9/26/2014	246.600006	246.725998	-307.5		246.600006	230.3731603	#REF!	246.600006
9	9/29/2014	245.259995	244.3459992	-306.5		245.259995	230.3539824	#REF!	245.259995
10	9/30/2014	242.679993	245.2399994	-305.5		242.679993	230.3348045	#REF!	242.679993
11	10-01-2014	240.240005	246.9619996	-304.5		240.240005	230.3156267	#REF!	240.240005
12	10-02-2014	251.419998	250.0339996	-303.5		251.419998	230.2964488	#REF!	251.419998
13	10-03-2014	255.210007	253.4120024	-302.5		255.210007	230.277271	#REF!	255.210007
14	10-06-2014	260.619995	257.2200012	-301.5		260.619995	230.2580931	#REF!	260.619995
15	10-07-2014	259.570007	258.3380036	-300.5		259.570007	230.2389153	#REF!	259.570007
16	10-08-2014	259.279999	254.678003	-299.5		259.279999	230.2197374	#REF!	259.279999
17	10-09-2014	257.01001	247.4720032	-298.5		257.01001	230.2005595	#REF!	257.01001
18	10-10-2014	236.910004	240.9700014	-297.5		236.910004	230.1813817	#REF!	236.910004
19	10/13/2014	224.589996	235.054001	-296.5		224.589996	230.1622038	#REF!	224.589996
20	10/14/2014	227.059998	228.9220002	-295.5		227.059998	230.143026	#REF!	227.059998

21	10/15/2014	229.699997	227.0359986	-294.5		229.699997	230.1238481	#REF!	229.699997
22	10/16/2014	226.350006	228.2119996	-293.5		226.350006	230.1046702	#REF!	226.350006
23	10/17/2014	227.479996	229.8679992	-292.5		227.479996	230.0854924	#REF!	227.479996
24	10/20/2014	230.470001	230.148001	-291.5		230.470001	230.0663145	#REF!	230.470001
25	10/21/2014	235.339996	231.9359984	-290.5		235.339996	230.0471367	#REF!	235.339996
26	10/22/2014	231.100006	233.4880002	-289.5		231.100006	230.0279588	#REF!	231.100006
27	10/23/2014	235.289993	231.7279996	-288.5		235.289993	230.0087809	#REF!	235.289993
28	10/24/2014	235.240005	233.2140012	-287.5		235.240005	229.9896031	#REF!	235.240005
29	10/27/2014	221.669998	234.6140012	-286.5		221.669998	229.9704252	#REF!	221.669998
30	10/28/2014	242.770004	235.2880034	-285.5		242.770004	229.9512474	#REF!	242.770004
31	10/29/2014	238.100006	236.5800018	-284.5		238.100006	229.9320695	#REF!	238.100006
32	10/30/2014	238.660004	240.7640014	-283.5		238.660004	229.9128917	#REF!	238.660004
33	10/31/2014	241.699997	239.9959992	-282.5		241.699997	229.8937138	#REF!	241.699997
34	11-03-2014	242.589996	238.5699982	-281.5		242.589996	229.8745359	#REF!	242.589996
35	11-04-2014	238.929993	239.0819976	-280.5		238.929993	229.8553581	#REF!	238.929993
36	11-05-2014	230.970001	238.7819976	-279.5		230.970001	229.8361802	#REF!	230.970001
37	11-06-2014	241.220001	238.649997	-278.5		241.220001	229.8170024	#REF!	241.220001
38	11-07-2014	240.199997	241.0799988	-277.5		240.199997	229.7978245	#REF!	240.199997
39	11-10-2014	241.929993	244.7059998	-276.5		241.929993	229.7786466	#REF!	241.929993
40	11-11-2014	251.080002	246.801999	-275.5		251.080002	229.7594688	#REF!	251.080002
41	11-12-2014	249.100006	250.4979982	-274.5		249.100006	229.7402909	#REF!	249.100006
42	11/13/2014	251.699997	252.9079988	-273.5		251.699997	229.7211131	#REF!	251.699997
43	11/14/2014	258.679993	254.2320008	-272.5		258.679993	229.7019352	#REF!	258.679993
44	11/17/2014	253.979996	253.9600006	-271.5		253.979996	229.6827573	#REF!	253.979996
45	11/18/2014	257.700012	253.3620026	-270.5		257.700012	229.6635795	#REF!	257.700012
46	11/19/2014	247.740005	250.1820038	-269.5		247.740005	229.6444016	#REF!	247.740005
47	11/20/2014	248.710007	248.7300048	-268.5		248.710007	229.6252238	#REF!	248.710007
48	11/21/2014	242.779999	246.8080016	-267.5		242.779999	229.6060459	#REF!	242.779999
49	11/24/2014	246.720001	246.948001	-266.5		246.720001	229.586868	#REF!	246.720001
50	11/25/2014	248.089996	246.1100004	-265.5		248.089996	229.5676902	#REF!	248.089996
51	11/26/2014	248.440002	243.8820004	-264.5		248.440002	229.5485123	#REF!	248.440002
52	11/28/2014	244.520004	240.8239988	-263.5		244.520004	229.5293345	#REF!	244.520004
53	12-01-2014	231.639999	237.0660002	-262.5		231.639999	229.5101566	#REF!	231.639999
54	12-02-2014	231.429993	233.0339996	-261.5		231.429993	229.4909788	#REF!	231.429993
55	12-03-2014	229.300003	228.8720002	-260.5		229.300003	229.4718009	#REF!	229.300003
56	12-04-2014	228.279999	225.4160006	-259.5		228.279999	229.452623	#REF!	228.279999
57	12-05-2014	223.710007	222.5080018	-258.5		223.710007	229.4334452	#REF!	223.710007
58	12-08-2014	214.360001	218.6160004	-257.5		214.360001	229.4142673	#REF!	214.360001
59	12-09-2014	216.889999	214.7360016	-256.5		216.889999	229.3950895	#REF!	216.889999
60	12-10-2014	209.839996	211.3940002	-255.5		209.839996	229.3759116	#REF!	209.839996
61	12-11-2014	208.880005	209.3299986	-254.5		208.880005	229.3567337	#REF!	208.880005
62	12-12-2014	207	205.5139984	-253.5		207	229.3375559	#REF!	207
63	12/15/2014	204.039993	204.7100006	-252.5		204.039993	229.318378	#REF!	204.039993
64	12/16/2014	197.809998	206.5859986	-251.5		197.809998	229.2992002	#REF!	197.809998
65	12/17/2014	205.820007	209.0439972	-250.5		205.820007	229.2800223	#REF!	205.820007
66	12/18/2014	218.259995	212.7559998	-249.5		218.259995	229.2608444	#REF!	218.259995
67	12/19/2014	219.289993	217.3880004	-248.5		219.289993	229.2416666	#REF!	219.289993
68	12/22/2014	222.600006	220.675998	-247.5		222.600006	229.2224887	207.721999	222.600006
69	12/23/2014	220.970001	222.5880004	-246.5		220.970001	229.2033109	210.096799	220.970001

70	12/24/2014	222.259995	223.8720032	-245.5		222.259995	229.184133	213.289999	222.259995
71	12/26/2014	227.820007	223.7980012	-244.5		227.820007	229.1649552	216.490399	227.820007
72	12/29/2014	225.710007	224.0860018	-243.5		225.710007	229.1457773	219.456	225.710007
73	12/30/2014	222.229996	223.4960024	-242.5		222.229996	229.1265994	221.664401	222.229996
74	12/31/2014	222.410004	219.9500002	-241.5		222.410004	229.1074216	223.004001	222.410004
75	01-02-2015	219.309998	217.0639986	-240.5		219.309998	229.0882437	223.568002	219.309998
76	01-05-2015	210.089996	214.8079988	-239.5		210.089996	229.0690659	223.040402	210.089996
77	01-06-2015	211.279999	212.449997	-238.5		211.279999	229.049888	221.678801	211.279999
78	01-07-2015	210.949997	209.9199982	-237.5		210.949997	229.0307101	219.8808	210.949997
79	01-08-2015	210.619995	208.3440004	-236.5		210.619995	229.0115323	217.553599	210.619995
80	01-09-2015	206.660004	206.9380006	-235.5		206.660004	228.9923544	214.838399	206.660004
81	01-12-2015	202.210007	203.2860016	-234.5		202.210007	228.9731766	212.517199	202.210007
82	1/13/2015	204.25	199.5360016	-233.5		204.25	228.9539987	210.491999	204.25
83	1/14/2015	192.690002	196.8180022	-232.5		192.690002	228.9348208	208.1876	192.690002
84	1/15/2015	191.869995	194.7619994	-231.5		191.869995	228.915643	205.6048	191.869995
85	1/16/2015	193.070007	193.2260008	-230.5		193.070007	228.8964651	202.984401	193.070007
86	1/20/2015	191.929993	195.0119994	-229.5		191.929993	228.8772873	200.268001	191.929993
87	1/21/2015	196.570007	196.895999	-228.5		196.570007	228.8581094	197.525601	196.570007
88	1/22/2015	201.619995	199.5919982	-227.5		201.619995	228.8389316	195.870801	201.619995
89	1/23/2015	201.289993	202.4019988	-226.5		201.289993	228.8197537	195.3428	201.289993
90	1/26/2015	206.550003	202.9619964	-225.5		206.550003	228.8005758	195.897599	206.550003
91	1/27/2015	205.979996	203.6779968	-224.5		205.979996	228.781398	197.425599	205.979996
92	1/28/2015	199.369995	204.1399994	-223.5		199.369995	228.7622201	199.372798	199.369995
93	1/29/2015	205.199997	205.0179992	-222.5		205.199997	228.7430423	201.105998	205.199997
94	1/30/2015	203.600006	207.4940002	-221.5		203.600006	228.7238644	202.554798	203.600006
95	02-02-2015	210.940002	211.3300018	-220.5		210.940002	228.7046865	203.639998	210.940002
96	02-03-2015	218.360001	214.4880034	-219.5		218.360001	228.6855087	204.658398	218.360001
97	02-04-2015	218.550003	217.2400024	-218.5		218.550003	228.6663308	206.331999	218.550003
98	02-05-2015	220.990005	218.5480012	-217.5		220.990005	228.647153	208.494001	220.990005
99	02-06-2015	217.360001	218.1339996	-216.5		217.360001	228.6279751	211.114001	217.360001
100	02-09-2015	217.479996	216.9839996	-215.5		217.479996	228.6087972	213.820002	217.479996
101	02-10-2015	216.289993	213.3619996	-214.5		216.289993	228.5896194	215.948002	216.289993
102	02-11-2015	212.800003	210.6440002	-213.5		212.800003	228.5704415	217.078801	212.800003
103	02-12-2015	202.880005	208.0180022	-212.5		202.880005	228.5512637	216.8536	202.880005
104	2/13/2015	203.770004	205.652005	-211.5		203.770004	228.5320858	215.5344	203.770004
105	2/17/2015	204.350006	205.4340058	-210.5		204.350006	228.512908	213.4284	204.350006
106	2/18/2015	204.460007	208.280005	-209.5		204.460007	228.4937301	210.932001	204.460007
107	2/19/2015	211.710007	208.9940034	-208.5		211.710007	228.4745522	208.622003	211.710007
108	2/20/2015	217.110001	208.9460024	-207.5		217.110001	228.4553744	207.605604	217.110001
109	2/23/2015	207.339996	208.806	-206.5		207.339996	228.4361965	207.275604	207.339996
110	2/24/2015	204.110001	207.901999	-205.5		204.110001	228.4170187	207.461204	204.110001
111	2/25/2015	203.759995	205.147998	-204.5		203.759995	228.3978408	208.092003	203.759995
112	2/26/2015	207.190002	203.1459992	-203.5		207.190002	228.3786629	208.585602	207.190002
113	2/27/2015	203.339996	202.2359986	-202.5		203.339996	228.3594851	207.959201	203.339996
114	03-02-2015	197.330002	201.972	-201.5		197.330002	228.3403072	206.7896	197.330002
115	03-03-2015	199.559998	200.6600006	-200.5		199.559998	228.3211294	205.447599	199.559998
116	03-04-2015	202.440002	198.7680024	-199.5		202.440002	228.3019515	204.080799	202.440002
117	03-05-2015	200.630005	197.478003	-198.5		200.630005	228.2827736	202.632399	200.630005
118	03-06-2015	193.880005	195.6300048	-197.5		193.880005	228.2635958	201.3564	193.880005

119	03-09-2015	190.880005	193.8900054	-196.5		190.880005	228.2444179	200.222801	190.880005
120	03-10-2015	190.320007	191.9780058	-195.5		190.320007	228.2252401	198.901602	190.320007
121	03-11-2015	193.740005	190.9380034	-194.5		193.740005	228.2060622	197.285203	193.740005
122	03-12-2015	191.070007	191.9020018	-193.5		191.070007	228.1868843	195.548804	191.070007
123	3/13/2015	188.679993	192.7839996	-192.5		188.679993	228.1677065	193.982804	188.679993
124	3/16/2015	195.699997	194.178	-191.5		195.699997	228.1485286	192.867604	195.699997
125	3/17/2015	194.729996	195.0939974	-190.5		194.729996	228.1293508	192.298403	194.729996
126	3/18/2015	200.710007	196.9739992	-189.5		200.710007	228.1101729	192.356002	200.710007
127	3/19/2015	195.649994	197.7600008	-188.5		195.649994	228.0909951	192.9792	195.649994
128	3/20/2015	198.080002	199.1580018	-187.5		198.080002	228.0718172	194.1864	198.080002
129	3/23/2015	199.630005	197.876001	-186.5		199.630005	228.0526393	195.357999	199.630005
130	3/24/2015	201.720001	196.828003	-185.5		201.720001	228.0334615	196.6328	201.720001
131	3/25/2015	194.300003	194.2120026	-184.5		194.300003	228.0142836	197.3724	194.300003
132	3/26/2015	190.410004	192.400003	-183.5		190.410004	227.9951058	197.719201	190.410004
133	3/27/2015	185	189.8100036	-182.5		185	227.9759279	197.166802	185
134	3/30/2015	190.570007	188.4680022	-181.5		190.570007	227.95675	196.094802	190.570007
135	3/31/2015	188.770004	188.5860014	-180.5		188.770004	227.9375722	194.225203	188.770004
136	04-01-2015	187.589996	192.2060026	-179.5		187.589996	227.9183943	192.343603	187.589996
137	04-02-2015	191	194.7420012	-178.5		191	227.8992165	190.695203	191
138	04-06-2015	203.100006	198.522	-177.5		203.100006	227.8800386	190.294003	203.100006
139	04-07-2015	203.25	203.022	-176.5		203.25	227.8608607	190.762402	203.25
140	04-08-2015	207.669998	207.0019988	-175.5		207.669998	227.8416829	192.504801	207.669998
141	04-09-2015	210.089996	208.3379974	-174.5		210.089996	227.822505	195.415601	210.089996
142	04-10-2015	210.899994	209.1799988	-173.5		210.899994	227.8033272	199.098801	210.899994
143	4/13/2015	209.779999	209.2119996	-172.5		209.779999	227.7841493	202.325199	209.779999
144	4/14/2015	207.460007	208.5339998	-171.5		207.460007	227.7649715	205.212799	207.460007
145	4/15/2015	207.830002	207.7119996	-170.5		207.830002	227.7457936	207.350799	207.830002
146	4/16/2015	206.699997	206.8100006	-169.5		206.699997	227.7266157	208.453199	206.699997
147	4/17/2015	206.789993	207.2	-168.5		206.789993	227.7074379	208.595199	206.789993
148	4/20/2015	205.270004	209.522	-167.5		205.270004	227.68826	208.2896	205.270004
149	4/21/2015	209.410004	211.9020018	-166.5		209.410004	227.6690822	207.8936	209.410004
150	4/22/2015	219.440002	214.2300018	-165.5		219.440002	227.6499043	207.9556	219.440002
151	4/23/2015	218.600006	219.4860016	-164.5		218.600006	227.6307264	208.6292	218.600006
152	4/24/2015	218.429993	223.7	-163.5		218.429993	227.6115486	209.932801	218.429993
153	4/27/2015	231.550003	226.301999	-162.5		231.550003	227.5923707	212.468001	231.550003
154	4/28/2015	230.479996	227.7919984	-161.5		230.479996	227.5731929	215.768001	230.479996
155	4/29/2015	232.449997	229.3119996	-160.5		232.449997	227.554015	219.124001	232.449997
156	4/30/2015	226.050003	229.103998	-159.5		226.050003	227.5348371	222.302	226.050003
157	05-01-2015	226.029999	229.5979982	-158.5		226.029999	227.5156593	225.3184	226.029999
158	05-04-2015	230.509995	229.1939974	-157.5		230.509995	227.4964814	227.241999	230.509995
159	05-05-2015	232.949997	231.3439974	-156.5		232.949997	227.4773036	228.421599	232.949997
160	05-06-2015	230.429993	233.4599978	-155.5		230.429993	227.4581257	228.999998	230.429993
161	05-07-2015	236.800003	235.2559998	-154.5		236.800003	227.4389479	229.710398	236.800003
162	05-08-2015	236.610001	237.6140014	-153.5		236.610001	227.41977	230.539998	236.610001
163	05-11-2015	239.490005	240.1640014	-152.5		239.490005	227.4005921	231.770398	239.490005
164	05-12-2015	244.740005	241.624002	-151.5		244.740005	227.3814143	233.373599	244.740005
165	5/13/2015	243.179993	244.070001	-150.5		243.179993	227.3622364	235.5676	243.179993
166	5/14/2015	244.100006	245.922	-149.5		244.100006	227.3430586	237.6236	244.100006
167	5/15/2015	248.839996	246.4019988	-148.5		248.839996	227.3238807	239.745601	248.839996

168	5/18/2015	248.75	246.6360014	-147.5		248.75	227.3047028	241.878801	248.75
169	5/19/2015	247.139999	246.9399992	-146.5		247.139999	227.285525	243.636401	247.139999
170	5/20/2015	244.350006	246.7179992	-145.5		244.350006	227.2663471	244.930801	244.350006
171	5/21/2015	245.619995	246.4600006	-144.5		245.619995	227.2471693	245.994	245.619995
172	5/22/2015	247.729996	246.5179994	-143.5		247.729996	227.2279914	246.5236	247.729996
173	5/26/2015	247.460007	247.9379976	-142.5		247.460007	227.2088135	246.6312	247.460007
174	5/27/2015	247.429993	248.9739992	-141.5		247.429993	227.1896357	246.6544	247.429993
175	5/28/2015	251.449997	249.3179994	-140.5		251.449997	227.1704578	246.914799	251.449997
176	5/29/2015	250.800003	249.4959992	-139.5		250.800003	227.15128	247.321599	250.800003
177	06-01-2015	249.449997	249.8080016	-138.5		249.449997	227.1321021	247.841599	249.449997
178	06-02-2015	248.350006	248.7020018	-137.5		248.350006	227.1129242	248.448799	248.350006
179	06-03-2015	248.990005	248.370001	-136.5		248.990005	227.0937464	249.106799	248.990005
180	06-04-2015	245.919998	249.7380034	-135.5		245.919998	227.0745685	249.2596	245.919998
181	06-05-2015	249.139999	251.2680022	-134.5		249.139999	227.0553907	249.138801	249.139999
182	06-08-2015	256.290009	251.6100006	-133.5		256.290009	227.0362128	249.222801	256.290009
183	06-09-2015	256	252.7080018	-132.5		256	227.017035	249.577202	256
184	06-10-2015	250.699997	253.0180024	-131.5		250.699997	226.9978571	249.937602	250.699997
185	06-11-2015	251.410004	251.8360016	-130.5		251.410004	226.9786792	250.738802	251.410004
186	06-12-2015	250.690002	251.2600006	-129.5		250.690002	226.9595014	251.668402	250.690002
187	6/15/2015	250.380005	253.202002	-128.5		250.380005	226.9403235	252.088002	250.380005
188	6/16/2015	253.119995	255.2980042	-127.5		253.119995	226.9211457	252.086401	253.119995
189	6/17/2015	260.410004	257.6620058	-126.5		260.410004	226.9019678	252.404802	260.410004
190	6/18/2015	261.890015	259.5440066	-125.5		261.890015	226.8827899	252.922802	261.890015
191	6/19/2015	262.51001	262.4540102	-124.5		262.51001	226.8636121	253.851603	262.51001
192	6/22/2015	259.790009	263.406012	-123.5		259.790009	226.8444342	255.393204	259.790009
193	6/23/2015	267.670013	264.7860108	-122.5		267.670013	226.8252564	257.632006	267.670013
194	6/24/2015	265.170013	265.702008	-121.5		265.170013	226.8060785	259.672808	265.170013
195	6/25/2015	268.790009	266.148004	-120.5		268.790009	226.7869006	261.570409	268.790009
196	6/26/2015	267.089996	266.2660034	-119.5		267.089996	226.7677228	263.17841	267.089996
197	6/29/2015	262.019989	267.0619996	-118.5		262.019989	226.7485449	264.499209	262.019989
198	6/30/2015	268.26001	269.3079956	-117.5		268.26001	226.7293671	265.261608	268.26001
199	07-01-2015	269.149994	271.8339966	-116.5		269.149994	226.7101892	265.992805	269.149994
200	07-02-2015	280.019989	273.0059998	-115.5		280.019989	226.6910114	266.897202	280.019989
201	07-06-2015	279.720001	270.3459992	-114.5		279.720001	226.6718335	268.1236	279.720001
202	07-07-2015	267.880005	268.100003	-113.5		267.880005	226.6526556	269.495199	267.880005
203	07-08-2015	254.960007	263.926004	-112.5		254.960007	226.6334778	270.311198	254.960007
204	07-09-2015	257.920013	260.4140046	-111.5		257.920013	226.6142999	270.518799	257.920013
205	07-10-2015	259.149994	259.9680024	-110.5		259.149994	226.5951221	269.442401	259.149994
206	7/13/2015	262.160004	261.604004	-109.5		262.160004	226.5759442	267.158402	262.160004
207	7/14/2015	265.649994	263.356	-108.5		265.649994	226.5567663	264.550803	265.649994
208	7/15/2015	263.140015	266.458002	-107.5		263.140015	226.5375885	262.802404	263.140015
209	7/16/2015	266.679993	270.4780032	-106.5		266.679993	226.5184106	261.853603	266.679993
210	7/17/2015	274.660004	270.7020022	-105.5		274.660004	226.4992328	262.360003	274.660004
211	7/20/2015	282.26001	271.6479982	-104.5		282.26001	226.4800549	264.372802	282.26001
212	7/21/2015	266.769989	271.752002	-103.5		266.769989	226.460877	266.519602	266.769989
213	7/22/2015	267.869995	269.902002	-102.5		267.869995	226.4416992	268.528401	267.869995
214	7/23/2015	267.200012	264.051999	-101.5		267.200012	226.4225213	270.207602	267.200012
215	7/24/2015	265.410004	263.6620026	-100.5		265.410004	226.4033435	270.896402	265.410004
216	7/27/2015	253.009995	262.852005	-99.5		253.009995	226.3841656	269.611201	253.009995

217	7/28/2015	264.820007	262.7700044	-98.5		264.820007	226.3649878	268.203201	264.820007
218	7/29/2015	263.820007	262.9180024	-97.5		263.820007	226.3458099	266.444002	263.820007
219	7/30/2015	266.790009	264.3140014	-96.5		266.790009	226.326632	264.647603	266.790009
220	7/31/2015	266.149994	264.6059998	-95.5		266.149994	226.3074542	263.250803	266.149994
221	08-03-2015	259.989999	265.8679994	-94.5		259.989999	226.2882763	263.303203	259.989999
222	08-04-2015	266.279999	261.7359986	-93.5		266.279999	226.2690985	263.492003	266.279999
223	08-05-2015	270.130005	257.0079988	-92.5		270.130005	226.2499206	264.095201	270.130005
224	08-06-2015	246.130005	253.2380006	-91.5		246.130005	226.2307427	263.8884	246.130005
225	08-07-2015	242.509995	247.4559998	-90.5		242.509995	226.2115649	262.7064	242.509995
226	08-10-2015	241.139999	241.0639984	-89.5		241.139999	226.192387	260.491199	241.139999
227	08-11-2015	237.369995	240.3399964	-88.5		237.369995	226.1732092	257.061199	237.369995
228	08-12-2015	238.169998	240.4679962	-87.5		238.169998	226.1540313	252.100399	238.169998
229	8/13/2015	242.509995	243.2379974	-86.5		242.509995	226.1348534	247.821199	242.509995
230	8/14/2015	243.149994	247.9079986	-85.5		243.149994	226.1156756	244.513198	243.149994
231	8/17/2015	254.990005	251.323999	-84.5		254.990005	226.0964977	242.513198	254.990005
232	8/18/2015	260.720001	251.2579986	-83.5		260.720001	226.0773199	242.603597	260.720001
233	8/19/2015	255.25	248.7820006	-82.5		255.25	226.058142	244.655598	255.25
234	8/20/2015	242.179993	241.5579986	-81.5		242.179993	226.0389641	246.839198	242.179993
235	8/21/2015	230.770004	233.4199982	-80.5		230.770004	226.0197863	248.501999	230.770004
236	8/24/2015	218.869995	227.3379974	-79.5		218.869995	226.0006084	248.165999	218.869995
237	8/25/2015	220.029999	227.4999998	-78.5		220.029999	225.9814306	245.268399	220.029999
238	8/26/2015	224.839996	231.0419982	-77.5		224.839996	225.9622527	240.471199	224.839996
239	8/27/2015	242.990005	237.0799988	-76.5		242.990005	225.9430749	235.719599	242.990005
240	8/28/2015	248.479996	240.8	-75.5		248.479996	225.923897	232.171598	248.479996
241	8/31/2015	249.059998	245.3700012	-74.5		249.059998	225.9047191	231.275998	249.059998
242	09-01-2015	238.630005	245.8860016	-73.5		238.630005	225.8855413	232.751999	238.630005
243	09-02-2015	247.690002	244.576001	-72.5		247.690002	225.8663634	236.3584	247.690002
244	09-03-2015	245.570007	244.398001	-71.5		245.570007	225.8471856	240.0356	245.570007
245	09-04-2015	241.929993	246.4540008	-70.5		241.929993	225.8280077	242.742401	241.929993
246	09-08-2015	248.169998	246.6119996	-69.5		248.169998	225.8088298	244.206001	248.169998
247	09-09-2015	248.910004	247.5459992	-68.5		248.910004	225.789652	245.336801	248.910004
248	09-10-2015	248.479996	249.798001	-67.5		248.479996	225.7704741	245.585201	248.479996
249	09-11-2015	250.240005	250.8780028	-66.5		250.240005	225.7512963	245.9172	250.240005
250	9/14/2015	253.190002	253.546002	-65.5		253.190002	225.7321184	246.9616	253.190002
251	9/15/2015	253.570007	256.2640042	-64.5		253.570007	225.7129405	248.257601	253.570007
252	9/16/2015	262.25	258.3400022	-63.5		262.25	225.6937627	249.676001	262.25
253	9/17/2015	262.070007	260.5420042	-62.5		262.070007	225.6745848	251.606402	262.070007
254	9/18/2015	260.619995	262.0160032	-61.5		260.619995	225.655407	253.765202	260.619995
255	9/21/2015	264.200012	261.7780028	-60.5		264.200012	225.6362291	255.914003	264.200012
256	9/22/2015	260.940002	261.9880004	-59.5		260.940002	225.6170513	258.141603	260.940002
257	9/23/2015	261.059998	261.2460022	-58.5		261.059998	225.5978734	259.788003	261.059998
258	9/24/2015	263.119995	258.0919984	-57.5		263.119995	225.5786955	260.932803	263.119995
259	9/25/2015	256.910004	255.2339968	-56.5		256.910004	225.5595177	261.514003	256.910004
260	9/28/2015	248.429993	252.701996	-55.5		248.429993	225.5403398	261.024001	248.429993
261	9/29/2015	246.649994	248.053998	-54.5		246.649994	225.521162	259.6676	246.649994
262	9/30/2015	248.399994	246.1859986	-53.5		248.399994	225.5019841	257.852399	248.399994
263	10-01-2015	239.880005	245.7299988	-52.5		239.880005	225.4828062	255.065598	239.880005
264	10-02-2015	247.570007	244.6920014	-51.5		247.570007	225.4636284	252.053598	247.570007
265	10-05-2015	246.149994	241.404004	-50.5		246.149994	225.4444505	249.581198	246.149994

266	10-06-2015	241.460007	238.7720032	-49.5		241.460007	225.4252727	247.472799	241.460007
267	10-07-2015	231.960007	233.3960022	-48.5		231.960007	225.4060948	245.2132	231.960007
268	10-08-2015	226.720001	227.2820038	-47.5		226.720001	225.3869169	243.356801	226.720001
269	10-09-2015	220.690002	222.8400024	-46.5		220.690002	225.3677391	240.798802	220.690002
270	10-12-2015	215.580002	219.824002	-45.5		215.580002	225.3485612	237.109203	215.580002
271	10/13/2015	219.25	218.7420014	-44.5		219.25	225.3293834	232.738803	219.25
272	10/14/2015	216.880005	220.006	-43.5		216.880005	225.3102055	228.422803	216.880005
273	10/15/2015	221.309998	222.5100008	-42.5		221.309998	225.2910277	224.416802	221.309998
274	10/16/2015	227.009995	221.2660006	-41.5		227.009995	225.2718498	221.738802	227.009995
275	10/19/2015	228.100006	219.9079988	-40.5		228.100006	225.2526719	220.784401	228.100006
276	10/20/2015	213.029999	217.9899994	-39.5		213.029999	225.2334941	220.469601	213.029999
277	10/21/2015	210.089996	214.4059996	-38.5		210.089996	225.2143162	220.4864	210.089996
278	10/22/2015	211.720001	211.8379974	-37.5		211.720001	225.1951384	220.336	211.720001
279	10/23/2015	209.089996	211.3019988	-36.5		209.089996	225.1759605	219.216	209.089996
280	10/26/2015	215.259995	211.876001	-35.5		215.259995	225.1567826	217.081599	215.259995
281	10/27/2015	210.350006	211.8580018	-34.5		210.350006	225.1376048	215.088799	210.350006
282	10/28/2015	212.960007	211.4260012	-33.5		212.960007	225.1184269	213.482399	212.960007
283	10/29/2015	211.630005	211.1320008	-32.5		211.630005	225.0992491	212.256	211.630005
284	10/30/2015	206.929993	210.7320008	-31.5		206.929993	225.0800712	211.66	206.929993
285	11-02-2015	213.789993	214.4660004	-30.5		213.789993	225.0608933	211.518801	213.789993
286	11-03-2015	208.350006	218.4940002	-29.5		208.350006	225.0417155	211.404801	208.350006
287	11-04-2015	231.630005	223.5800018	-28.5		231.630005	225.0225376	211.922801	231.630005
288	11-05-2015	231.770004	225.8880036	-27.5		231.770004	225.0033598	213.250001	231.770004
289	11-06-2015	232.360001	227.5180024	-26.5		232.360001	224.9841819	215.680801	232.360001
290	11-09-2015	225.330002	225.0080018	-25.5		225.330002	224.9650041	218.632001	225.330002
291	11-10-2015	216.5	221.2420014	-24.5		216.5	224.9458262	221.989202	216.5
292	11-11-2015	219.080002	216.2080016	-23.5		219.080002	224.9266483	224.097602	219.080002
293	11-12-2015	212.940002	214.0040008	-22.5		212.940002	224.9074705	224.647202	212.940002
294	11/13/2015	207.190002	213.5040008	-21.5		207.190002	224.8882926	223.172802	207.190002
295	11/16/2015	214.309998	213.9020018	-20.5		214.309998	224.8691148	220.796002	214.309998
296	11/17/2015	214	215.674002	-19.5		214	224.8499369	217.993201	214
297	11/18/2015	221.070007	218.2380006	-18.5		221.070007	224.830759	215.772001	221.070007
298	11/19/2015	221.800003	218.926001	-17.5		221.800003	224.8115812	214.658401	221.800003
299	11/20/2015	220.009995	219.776001	-16.5		220.009995	224.7924033	215.064401	220.009995
300	11/23/2015	217.75	221.4899994	-15.5		217.75	224.7732255	216.048801	217.75
301	11/24/2015	218.25	223.451999	-14.5		218.25	224.7540476	217.303201	218.25
302	11/25/2015	229.639999	225.501999	-13.5		229.639999	224.7348697	218.820801	229.639999
303	11/27/2015	231.610001	229.3899994	-12.5		231.610001	224.7156919	220.3764	231.610001
304	11/30/2015	230.259995	232.1380004	-11.5		230.259995	224.696514	221.8292	230.259995
305	12-01-2015	237.190002	232.752002	-10.5		237.190002	224.6773362	223.922	237.190002
306	12-02-2015	231.990005	232.5060028	-9.5		231.990005	224.6581583	226.394399	231.990005
307	12-03-2015	232.710007	232.6800048	-8.5		232.710007	224.6389804	228.6468	232.710007
308	12-04-2015	230.380005	230.5860046	-7.5		230.380005	224.6198026	230.457601	230.380005
309	12-07-2015	231.130005	229.0920044	-6.5		231.130005	224.6006247	231.893202	231.130005
310	12-08-2015	226.720001	227.9640044	-5.5		226.720001	224.5814469	232.132403	226.720001
311	12-09-2015	224.520004	225.2920042	-4.5		224.520004	224.562269	231.523204	224.520004
312	12-10-2015	227.070007	222.7820036	-3.5		227.070007	224.5430912	230.565604	227.070007
313	12-11-2015	217.020004	221.6560026	-2.5		217.020004	224.5239133	229.122804	217.020004
314	12/14/2015	218.580002	223.6540008	-1.5		218.580002	224.5047354	227.143204	218.580002

315	12/15/2015	221.089996	224.9179992	-0.5		221.089996	224.4855576	225.357204	221.089996
316	12/16/2015	234.509995	227.6059998	0.5		234.509995	224.4663797	224.269603	234.509995
317	12/17/2015	233.389999	230.401999	1.5		233.389999	224.4472019	223.660402	233.389999
318	12/18/2015	230.460007	232.1739992	2.5		230.460007	224.428024	224.123201	230.460007
319	12/21/2015	232.559998	231.2119996	3.5		232.559998	224.4088461	225.6472	232.559998
320	12/22/2015	229.949997	230.6480012	4.5		229.949997	224.3896683	227.7508	229.949997
321	12/23/2015	229.699997	230.3459992	5.5		229.699997	224.3704904	229.262399	229.699997
322	12/24/2015	230.570007	231.272	6.5		230.570007	224.3513126	230.4084	230.570007
323	12/28/2015	228.949997	232.8999998	7.5		228.949997	224.3321347	230.9564	228.949997
324	12/29/2015	237.190002	234.9619994	8.5		237.190002	224.3129568	231.1304	237.190002
325	12/30/2015	238.089996	233.5299988	9.5		238.089996	224.293779	231.2756	238.089996
326	12/31/2015	240.009995	232.425998	10.5		240.009995	224.2746011	232.0256	240.009995
327	01-04-2016	223.410004	228.7959962	11.5		223.410004	224.2554233	232.601999	223.410004
328	01-05-2016	223.429993	224.3079958	12.5		223.429993	224.2362454	233.017999	223.429993
329	01-06-2016	219.039993	218.5059968	13.5		219.039993	224.2170676	232.522798	219.039993
330	01-07-2016	215.649994	215.3939972	14.5		215.649994	224.1978897	230.804398	215.649994
331	01-08-2016	211	212.7019988	15.5		211	224.1787118	227.513197	211
332	01-11-2016	207.850006	208.9559998	16.5		207.850006	224.159534	223.885997	207.850006
333	01-12-2016	209.970001	207.0619996	17.5		209.970001	224.1403561	219.941197	209.970001
334	1/13/2016	200.309998	205.8600006	18.5		200.309998	224.1211783	215.973198	200.309998
335	1/14/2016	206.179993	205.2339996	19.5		206.179993	224.1020004	212.523998	206.179993
336	1/15/2016	204.990005	202.9799988	20.5		204.990005	224.0828225	209.994799	204.990005
337	1/19/2016	204.720001	202.9119994	21.5		204.720001	224.0636447	207.9628	204.720001
338	1/20/2016	198.699997	202.1860014	22.5		198.699997	224.0444668	206.0184	198.699997
339	1/21/2016	199.970001	200.4640014	23.5		199.970001	224.025289	204.8096	199.970001
340	1/22/2016	202.550003	198.2320008	24.5		202.550003	224.0061111	203.8344	202.550003
341	1/25/2016	196.380005	196.1060028	25.5		196.380005	223.9869332	202.7552	196.380005
342	1/26/2016	193.559998	194.052002	26.5		193.559998	223.9677554	201.3548	193.559998
343	1/27/2016	188.070007	191.7820008	27.5		188.070007	223.9485775	199.980001	188.070007
344	1/28/2016	189.699997	191.8940002	28.5		189.699997	223.9293997	198.208002	189.699997
345	1/29/2016	191.199997	189.7380004	29.5		191.199997	223.9102218	196.127202	191.199997
346	02-01-2016	196.940002	186.8199982	30.5		196.940002	223.891044	194.413201	196.940002
347	02-02-2016	182.779999	183.9459992	31.5		182.779999	223.8718661	192.714401	182.779999
348	02-03-2016	173.479996	178.226001	32.5		173.479996	223.8526882	190.8572	173.479996
349	02-04-2016	175.330002	168.4360016	33.5		175.330002	223.8335104	188.836	175.330002
350	02-05-2016	162.600006	161.5300018	34.5		162.600006	223.8143325	186.1248	162.600006
351	02-08-2016	147.990005	155.5680022	35.5		147.990005	223.7951547	181.4332	147.990005
352	02-09-2016	148.25	150.596002	36.5		148.25	223.7759768	175.7916	148.25
353	02-10-2016	143.669998	148.2839994	37.5		143.669998	223.7567989	169.541201	143.669998
354	02-11-2016	150.470001	149.719998	38.5		150.470001	223.7376211	162.871202	150.470001
355	02-12-2016	151.039993	153.8059966	39.5		151.039993	223.7184432	156.882801	151.039993
356	2/16/2016	155.169998	158.4259978	40.5		155.169998	223.6992654	153.139601	155.169998
357	2/17/2016	168.679993	161.647998	41.5		168.679993	223.6800875	151.5948	168.679993
358	2/18/2016	166.770004	166.9880004	42.5		166.770004	223.6609096	152.166399	166.770004
359	2/19/2016	166.580002	171.3960022	43.5		166.580002	223.6417318	154.376798	166.580002
360	2/22/2016	177.740005	173.4600036	44.5		177.740005	223.6225539	158.117598	177.740005
361	2/23/2016	177.210007	177.5920014	45.5		177.210007	223.6033761	162.452799	177.210007
362	2/24/2016	179	182.3440002	46.5		179	223.5841982	166.3836	179
363	2/25/2016	187.429993	185.1819978	47.5		187.429993	223.5650203	170.216801	187.429993

364	2/26/2016	190.339996	187.0099976	48.5		190.339996	223.5458425	174.356002	190.339996
365	2/29/2016	191.929993	188.8779968	49.5		191.929993	223.5266646	177.994801	191.929993
366	03-01-2016	186.350006	190.5399992	50.5		186.350006	223.5074868	181.1176	186.350006
367	03-02-2016	188.339996	192.6799986	51.5		188.339996	223.4883089	184.201199	188.339996
368	03-03-2016	195.740005	195.3519986	52.5		195.740005	223.4691311	186.790798	195.740005
369	03-04-2016	201.039993	198.6019986	53.5		201.039993	223.4499532	188.857998	201.039993
370	03-07-2016	205.289993	202.6779996	54.5		205.289993	223.4307753	190.891998	205.289993
371	03-08-2016	202.600006	204.5659972	55.5		202.600006	223.4115975	193.210398	202.600006
372	03-09-2016	208.720001	205.8579986	56.5		208.720001	223.3924196	195.970399	208.720001
373	03-10-2016	205.179993	207.8299988	57.5		205.179993	223.3732418	198.775599	205.179993
374	03-11-2016	207.5	210.9779968	58.5		207.5	223.3540639	201.411199	207.5
375	3/14/2016	215.149994	213.6199952	59.5		215.149994	223.334886	203.906799	215.149994
376	3/15/2016	218.339996	217.8599976	60.5		218.339996	223.3157082	206.381998	218.339996
377	3/16/2016	221.929993	222.9079986	61.5		221.929993	223.2965303	208.570397	221.929993
378	3/17/2016	226.380005	227.5420012	62.5		226.380005	223.2773525	211.229197	226.380005
379	3/18/2016	232.740005	230.722003	63.5		232.740005	223.2581746	214.639197	232.740005
380	3/21/2016	238.320007	230.8520048	64.5		238.320007	223.2389967	218.581598	238.320007
381	3/22/2016	234.240005	231.1260038	65.5		234.240005	223.2198189	222.530399	234.240005
382	3/23/2016	222.580002	230.6300018	66.5		222.580002	223.200641	225.976801	222.580002
383	3/24/2016	227.75	228.9920014	67.5		227.75	223.1814632	228.630002	227.75
384	3/28/2016	230.259995	227.5220002	68.5		230.259995	223.1622853	230.174403	230.259995
385	3/29/2016	230.130005	228.9600006	69.5		230.130005	223.1431075	230.464403	230.130005
386	3/30/2016	226.889999	230.9279998	70.5		226.889999	223.1239296	229.824402	226.889999
387	3/31/2016	229.770004	234.2740018	71.5		229.770004	223.1047517	229.446002	229.770004
388	04-01-2016	237.589996	239.342001	72.5		237.589996	223.0855739	229.406401	237.589996
389	04-04-2016	246.990005	247.0480038	73.5		246.990005	223.066396	230.135201	246.990005
390	04-05-2016	255.470001	252.5340054	74.5		255.470001	223.0472182	232.205201	255.470001
391	04-06-2016	265.420013	255.0300076	75.5		265.420013	223.0280403	236.110401	265.420013
392	04-07-2016	257.200012	255.6160062	76.5		257.200012	223.0088624	240.825202	257.200012
393	04-08-2016	250.070007	254.0860074	77.5		250.070007	222.9896846	245.645604	250.070007
394	04-11-2016	249.919998	251.9080046	78.5		249.919998	222.9705067	249.914005	249.919998
395	04-12-2016	247.820007	250.8400024	79.5		247.820007	222.9513289	252.862806	247.820007
396	4/13/2016	254.529999	251.728	80.5		254.529999	222.932151	253.834806	254.529999
397	4/14/2016	251.860001	252.5200014	81.5		251.860001	222.9129731	253.496006	251.860001
398	4/15/2016	254.509995	252.429999	82.5		254.509995	222.8937953	252.835604	254.509995
399	4/18/2016	253.880005	251.5179994	83.5		253.880005	222.8746174	252.216403	253.880005
400	4/19/2016	247.369995	250.8039978	84.5		247.369995	222.8554396	251.885201	247.369995
401	4/20/2016	249.970001	250.6519988	85.5		249.970001	222.8362617	251.8072	249.970001
402	4/21/2016	248.289993	250.2399992	86.5		248.289993	222.8170839	251.8	248.289993
403	4/22/2016	253.75	251.5140012	87.5		253.75	222.797906	251.584799	253.75
404	4/25/2016	251.820007	251.8140012	88.5		251.820007	222.7787281	251.128799	251.820007
405	4/26/2016	253.740005	251.698004	89.5		253.740005	222.7595503	250.945599	253.740005
406	4/27/2016	251.470001	249.100003	90.5		251.470001	222.7403724	251.0048	251.470001
407	4/28/2016	247.710007	247.0960022	91.5		247.710007	222.7211946	251.183601	247.710007
408	4/29/2016	240.759995	242.8120026	92.5		240.759995	222.7020167	250.873202	240.759995
409	05-02-2016	241.800003	237.030002	93.5		241.800003	222.6828388	250.244402	241.800003
410	05-03-2016	232.320007	229.7940004	94.5		232.320007	222.663661	248.504003	232.320007
411	05-04-2016	222.559998	224.628	95.5		222.559998	222.6444831	245.547203	222.559998
412	05-05-2016	211.529999	218.051999	96.5		211.529999	222.6253053	241.166402	211.529999

413	05-06-2016	214.929993	213.325998	97.5		214.929993	222.6061274	236.272001	214.929993
414	05-09-2016	208.919998	210.6059998	98.5		208.919998	222.5869495	230.463201	208.919998
415	05-10-2016	208.690002	209.7559998	99.5		208.690002	222.5677717	224.566	208.690002
416	05-11-2016	208.960007	208.2920014	100.5		208.960007	222.5485938	219.281199	208.960007
417	05-12-2016	207.279999	208.1660004	101.5		207.279999	222.529416	215.273599	207.279999
418	5/13/2016	207.610001	207.3600008	102.5		207.610001	222.5102381	212.0064	207.610001
419	5/16/2016	208.289993	207.801999	103.5		208.289993	222.4910602	210.0292	208.289993
420	5/17/2016	204.660004	209.3880006	104.5		204.660004	222.4718824	208.836	204.660004
421	5/18/2016	211.169998	211.9220002	105.5		211.169998	222.4527045	208.2752	211.169998
422	5/19/2016	215.210007	213.5080018	106.5		215.210007	222.4335267	208.2016	215.210007
423	5/20/2016	220.279999	216.1580018	107.5		220.279999	222.4143488	208.9276	220.279999
424	5/23/2016	216.220001	217.8400026	108.5		216.220001	222.395171	209.996	216.220001
425	5/24/2016	217.910004	219.8220002	109.5		217.910004	222.3759931	211.755601	217.910004
426	5/25/2016	219.580002	220.373999	110.5		219.580002	222.3568152	213.763201	219.580002
427	5/26/2016	225.119995	221.775998	111.5		225.119995	222.3376374	215.850001	225.119995
428	5/27/2016	223.039993	222.1059968	112.5		223.039993	222.3184595	217.540401	223.039993
429	5/31/2016	223.229996	221.9819978	113.5		223.229996	222.2992817	219.194	223.229996
430	06-01-2016	219.559998	220.7559998	114.5		219.559998	222.2801038	220.383599	219.559998
431	06-02-2016	218.960007	220.2839998	115.5		218.960007	222.2609259	221.211998	218.960007
432	06-03-2016	218.990005	222.1059998	116.5		218.990005	222.2417481	221.398798	218.990005
433	06-06-2016	220.679993	225.298001	117.5		220.679993	222.2225702	221.380798	220.679993
434	06-07-2016	232.339996	227.3779998	118.5		232.339996	222.2033924	221.446799	232.339996
435	06-08-2016	235.520004	227.3379974	119.5		235.520004	222.1842145	222.0852	235.520004
436	06-09-2016	229.360001	226.7759978	120.5		229.360001	222.1650366	223.1644	229.360001
437	06-10-2016	218.789993	223.3	121.5		218.789993	222.1458588	224.4808	218.789993
438	6/13/2016	217.869995	219.7359986	122.5		217.869995	222.1266809	225.779199	217.869995
439	6/14/2016	214.960007	217.449997	123.5		214.960007	222.1075031	226.017999	214.960007
440	6/15/2016	217.699997	216.7859986	124.5		217.699997	222.0883252	224.905599	217.699997
441	6/16/2016	217.929993	217.151999	125.5		217.929993	222.0691474	222.919998	217.929993
442	6/17/2016	215.470001	218.0819978	126.5		215.470001	222.0499695	220.809598	215.470001
443	6/20/2016	219.699997	213.8739992	127.5		219.699997	222.0307916	218.884799	219.699997
444	6/21/2016	219.610001	209.5679994	128.5		219.610001	222.0116138	217.841198	219.610001
445	6/22/2016	196.660004	205.103998	129.5		196.660004	221.9924359	216.668798	196.660004
446	6/23/2016	196.399994	200.8739992	130.5		196.399994	221.9732581	215.092399	196.399994
447	6/24/2016	193.149994	197.3099976	131.5		193.149994	221.9540802	212.755999	193.149994
448	6/27/2016	198.550003	200.0159972	132.5		198.550003	221.9349023	209.500399	198.550003
449	6/28/2016	201.789993	203.1919982	133.5		201.789993	221.9157245	205.345999	201.789993
450	6/29/2016	210.190002	207.8619994	134.5		210.190002	221.8965466	202.574398	210.190002
451	6/30/2016	212.279999	210.947998	135.5		212.279999	221.8773688	201.299198	212.279999
452	07-01-2016	216.5	213.4779998	136.5		216.5	221.8581909	201.850798	216.5
453	07-05-2016	213.979996	214.6279998	137.5		213.979996	221.839013	203.865598	213.979996
454	07-06-2016	214.440002	215.5279998	138.5		214.440002	221.8198352	207.099199	214.440002
455	07-07-2016	215.940002	217.1839996	139.5		215.940002	221.8006573	210.021599	215.940002
456	07-08-2016	216.779999	219.3179992	140.5		216.779999	221.7814795	212.488799	216.779999
457	07-11-2016	224.779999	220.9359986	141.5		224.779999	221.7623016	214.353199	224.779999
458	07-12-2016	224.649994	222.053998	142.5		224.649994	221.7431238	216.0272	224.649994
459	7/13/2016	222.529999	222.777997	143.5		222.529999	221.7239459	217.518799	222.529999
460	7/14/2016	221.529999	223.0719972	144.5		221.529999	221.704768	219.003999	221.529999
461	7/15/2016	220.399994	223.1939974	145.5		220.399994	221.6855902	220.453998	220.399994

462	7/18/2016	226.25	224.3599978	146.5		226.25	221.6664123	221.631598	226.25
463	7/19/2016	225.259995	224.153998	147.5		225.259995	221.6472345	222.406798	225.259995
464	7/20/2016	228.360001	224.528	148.5		228.360001	221.6280566	223.091597	228.360001
465	7/21/2016	220.5	225.279999	149.5		220.5	221.6088787	223.511597	220.5
466	7/22/2016	222.270004	226.129999	150.5		222.270004	221.5897009	223.861598	222.270004
467	7/25/2016	230.009995	226.1559998	151.5		230.009995	221.570523	224.303198	230.009995
468	7/26/2016	229.509995	228.178	152.5		229.509995	221.5513452	224.890399	229.509995
469	7/27/2016	228.490005	230.6819978	153.5		228.490005	221.5321673	225.249599	228.490005
470	7/28/2016	230.610001	230.6819978	154.5		230.610001	221.5129894	226.0544	230.610001
471	7/29/2016	234.789993	230.2199982	155.5		234.789993	221.4938116	227.285199	234.789993
472	08-01-2016	230.009995	229.6799958	156.5		230.009995	221.4746337	228.365599	230.009995
473	08-02-2016	227.199997	229.6799958	157.5		227.199997	221.4554559	229.183599	227.199997
474	08-03-2016	225.789993	228.727997	158.5		225.789993	221.436278	229.888398	225.789993
475	08-04-2016	230.610001	227.9579988	159.5		230.610001	221.4171001	230.188797	230.610001
476	08-05-2016	230.029999	228.3339998	160.5		230.029999	221.3979223	229.797997	230.029999
477	08-08-2016	226.160004	228.306	161.5		226.160004	221.3787444	229.253197	226.160004
478	08-09-2016	229.080002	227.1660006	162.5		229.080002	221.3595666	228.875997	229.080002
479	08-10-2016	225.649994	226.282001	163.5		225.649994	221.3403887	228.601198	225.649994
480	08-11-2016	224.910004	226.1679994	164.5		224.910004	221.3212109	228.098399	224.910004
481	08-12-2016	225.610001	225.0739992	165.5		225.610001	221.3020233	227.6092	225.610001
482	8/15/2016	225.589996	224.5920014	166.5		225.589996	221.2828551	227.2512	225.589996
483	8/16/2016	223.610001	224.3119996	167.5		223.610001	221.2636773	226.5992	223.610001
484	8/17/2016	223.240005	224.1899994	168.5		223.240005	221.2444994	225.8564	223.240005
485	8/18/2016	223.509995	223.6579988	169.5		223.509995	221.2253216	225.2856	223.509995
486	8/19/2016	225	223.9039978	170.5		225	221.2061437	224.8672	225
487	8/22/2016	222.929993	223.7799958	171.5		222.929993	221.1869658	224.3652	222.929993
488	8/23/2016	224.839996	223.2699982	172.5		224.839996	221.167788	224.131199	224.839996
489	8/24/2016	222.619995	222.2679992	173.5		222.619995	221.1486101	223.968798	222.619995
490	8/25/2016	220.960007	220.722	174.5		220.960007	221.1294323	223.760398	220.960007
491	8/26/2016	219.990005	218.022	175.5		219.990005	221.1102544	223.375998	219.990005
492	8/29/2016	215.199997	215.9	176.5		215.199997	221.0910765	222.788798	215.199997
493	8/30/2016	211.339996	211.8619994	177.5		211.339996	221.0718987	221.612399	211.339996
494	8/31/2016	212.009995	207.4199982	178.5		212.009995	221.0527208	220.036399	212.009995
495	09-01-2016	200.770004	204.9459992	179.5		200.770004	221.033543	217.7548	200.770004
496	09-02-2016	197.779999	203.0200014	180.5		197.779999	221.0143651	214.7852	197.779999
497	09-06-2016	202.830002	200.0900026	181.5		202.830002	220.9951873	211.629999	202.830002
498	09-07-2016	201.710007	198.830002	182.5		201.710007	220.9760094	208.6296	201.710007
499	09-08-2016	197.360001	198.9340028	183.5		197.360001	220.9568315	205.4676	197.360001
500	09-09-2016	194.470001	197.578003	184.5		194.470001	220.9376537	202.861201	194.470001
501	09-12-2016	198.300003	196.5180024	185.5		198.300003	220.9184758	201.164002	198.300003
502	9/13/2016	196.050003	197.1300018	186.5		196.050003	220.899298	199.690402	196.050003
503	9/14/2016	196.410004	199.3160004	187.5		196.410004	220.8801201	198.390003	196.410004
504	9/15/2016	200.419998	200.923999	188.5		200.419998	220.8609422	197.798002	200.419998
505	9/16/2016	205.399994	202.6419982	189.5		205.399994	220.8417644	197.895202	205.399994
506	9/19/2016	206.339996	204.4039976	190.5		206.339996	220.8225865	198.293201	206.339996
507	9/20/2016	204.639999	205.6059966	191.5		204.639999	220.8034087	199.306	204.639999
508	9/21/2016	205.220001	206.0159972	192.5		205.220001	220.7842308	200.883199	205.220001
509	9/22/2016	206.429993	206.545999	193.5		206.429993	220.7650529	202.578398	206.429993
510	9/23/2016	207.449997	206.7799988	194.5		207.449997	220.7458751	203.918398	207.449997

511	9/26/2016	208.990005	206.9899994	195.5		208.990005	220.7266972	205.042798	208.990005
512	9/27/2016	205.809998	205.8440002	196.5		205.809998	220.7075194	205.870398	205.809998
513	9/28/2016	206.270004	205.1600006	197.5		206.270004	220.6883415	206.387598	206.270004
514	9/29/2016	200.699997	206.101999	198.5		200.699997	220.6691637	206.435199	200.699997
515	9/30/2016	204.029999	207.2220002	199.5		204.029999	220.6499858	206.264	204.029999
516	10-03-2016	213.699997	207.6600008	200.5		213.699997	220.6308079	206.1752	213.699997
517	10-04-2016	211.410004	207.7200014	201.5		211.410004	220.6116301	206.2636	211.410004
518	10-05-2016	208.460007	206.2360018	202.5		208.460007	220.5924522	206.3976	208.460007
519	10-06-2016	201	203.6860018	203.5		201	220.5732744	206.7728	201
520	10-07-2016	196.610001	201.4240022	204.5		196.610001	220.5540965	206.988001	196.610001
521	10-10-2016	200.949997	200.0339998	205.5		200.949997	220.5349186	206.504801	200.949997
522	10-11-2016	200.100006	199.8820008	206.5		200.100006	220.5157408	205.345202	200.100006
523	10-12-2016	201.509995	199.8619996	207.5		201.509995	220.4965629	203.820001	201.509995
524	10/13/2016	200.240005	198.4640016	208.5		200.240005	220.4773851	202.252401	200.240005
525	10/14/2016	196.509995	198.2640016	209.5		196.509995	220.4582072	200.977601	196.509995
526	10/17/2016	193.960007	198.6740022	210.5		193.960007	220.4390293	199.933201	193.960007
527	10/18/2016	199.100006	198.4460024	211.5		199.100006	220.4198515	199.301201	199.100006
528	10/19/2016	203.559998	199.1620026	212.5		203.559998	220.4006736	199.029201	203.559998
529	10/20/2016	199.100006	200.9220002	213.5		199.100006	220.3814958	198.742001	199.100006
530	10/21/2016	200.089996	201.5699982	214.5		200.089996	220.3623179	198.602002	200.089996
531	10/24/2016	202.759995	201.3059996	215.5		202.759995	220.3431401	199.093602	202.759995
532	10/25/2016	202.339996	202.2879974	216.5		202.339996	220.3239622	199.754801	202.339996
533	10/26/2016	202.240005	202.2639984	217.5		202.240005	220.3047843	200.281201	202.240005
534	10/27/2016	204.009995	201.2579986	218.5		204.009995	220.2856065	201.0496	204.009995
535	10/28/2016	199.970001	198.947998	219.5		199.970001	220.2664286	201.669999	199.970001
536	10/31/2016	197.729996	196.1039978	220.5		197.729996	220.2472508	201.737198	197.729996
537	11-01-2016	190.789993	192.7859984	221.5		190.789993	220.2280729	201.212798	190.789993
538	11-02-2016	188.020004	190.9039978	222.5		188.020004	220.208895	200.172398	188.020004
539	11-03-2016	187.419998	190	223.5		187.419998	220.1897172	198.271998	187.419998
540	11-04-2016	190.559998	190.8300018	224.5		190.559998	220.1705393	195.999998	190.559998
541	11-07-2016	193.210007	191.2380006	225.5		193.210007	220.1513615	193.748398	193.210007
542	11-08-2016	194.940002	190.8240022	226.5		194.940002	220.1321836	192.124799	194.940002
543	11-09-2016	190.059998	190.4240022	227.5		190.059998	220.1130057	191.1516	190.059998
544	11-10-2016	185.350006	188.0720002	228.5		185.350006	220.0938279	190.7592	185.350006
545	11-11-2016	188.559998	185.8380006	229.5		188.559998	220.07465	190.663201	188.559998
546	11/14/2016	181.449997	184.6119996	230.5		181.449997	220.0554722	190.277601	181.449997
547	11/15/2016	183.770004	185.2739992	231.5		183.770004	220.0362943	189.279201	183.770004
548	11/16/2016	183.929993	184.5660004	232.5		183.929993	220.0171164	187.954001	183.929993
549	11/17/2016	188.660004	185.1800018	233.5		188.660004	219.9979386	186.844	188.660004
550	11/18/2016	185.020004	186.6600006	234.5		185.020004	219.9787607	185.6724	185.020004
551	11/21/2016	184.520004	188.5020018	235.5		184.520004	219.9595829	185.094	184.520004
552	11/22/2016	191.169998	190.0999998	236.5		191.169998	219.940405	185.2584	191.169998
553	11/23/2016	193.139999	192.319998	237.5		193.139999	219.9212272	186.036401	193.139999
554	11/25/2016	196.649994	193.3299986	238.5		196.649994	219.9020493	187.001601	196.649994
555	11/28/2016	196.119995	192.9759978	239.5		196.119995	219.8828714	188.5524	196.119995
556	11/29/2016	189.570007	190.723999	240.5		189.570007	219.8636936	190.1824	189.570007
557	11/30/2016	189.399994	187.6880004	241.5		189.399994	219.8445157	191.445599	189.399994
558	12-01-2016	181.880005	185.824002	242.5		181.880005	219.8253379	191.889999	181.880005
559	12-02-2016	181.470001	185.0800018	243.5		181.470001	219.80616	191.407599	181.470001

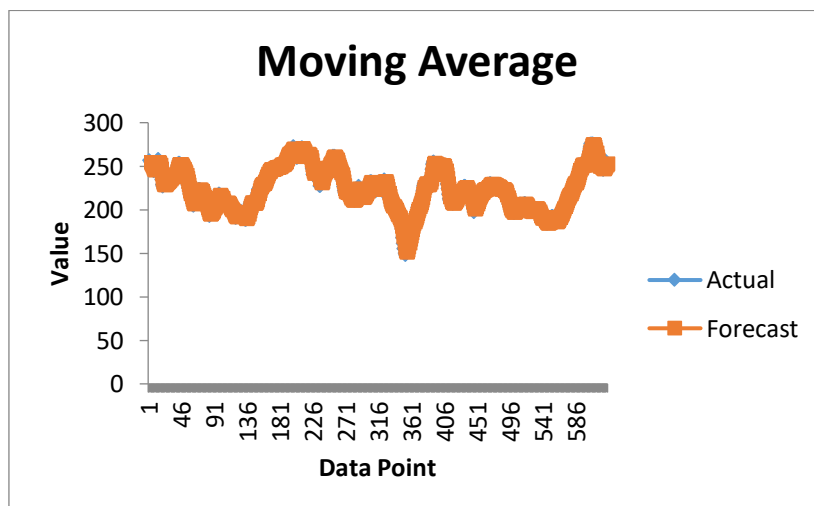
560	12-05-2016	186.800003	185.8300018	244.5		186.800003	219.7869821	190.1084	186.800003
561	12-06-2016	185.850006	187.9119994	245.5		185.850006	219.7678043	188.4584	185.850006
562	12-07-2016	193.149994	190.0539978	246.5		193.149994	219.7486264	187.029201	193.149994
563	12-08-2016	192.289993	191.1799958	247.5		192.289993	219.7294486	186.466801	192.289993
564	12-09-2016	192.179993	193.6399934	248.5		192.179993	219.7102707	186.940001	192.179993
565	12-12-2016	192.429993	194.747995	249.5		192.429993	219.6910928	188.011199	192.429993
566	12/13/2016	198.149994	195.8059968	250.5		198.149994	219.671915	189.723198	198.149994
567	12/14/2016	198.690002	197.8679992	251.5		198.690002	219.6527371	191.506796	198.690002
568	12/15/2016	197.580002	199.9279998	252.5		197.580002	219.6335593	193.085596	197.580002
569	12/16/2016	202.490005	202.0559996	253.5		202.490005	219.6143814	194.648396	202.490005
570	12/19/2016	202.729996	203.8579986	254.5		202.729996	219.5952036	196.397997	202.729996
571	12/20/2016	208.789993	206.0319976	255.5		208.789993	219.5760257	198.081198	208.789993
572	12/21/2016	207.699997	208.2019958	256.5		207.699997	219.5568478	199.903199	207.699997
573	12/22/2016	208.449997	211.5619964	257.5		208.449997	219.53767	201.948399	208.449997
574	12/23/2016	213.339996	213.7519988	258.5		213.339996	219.5184921	204.015198	213.339996
575	12/27/2016	219.529999	215.147998	259.5		219.529999	219.4993143	206.341998	219.529999
576	12/28/2016	219.740005	216.195999	260.5		219.740005	219.4801364	208.681197	219.740005
577	12/29/2016	214.679993	216.9260008	261.5		214.679993	219.4609585	210.939197	214.679993
578	12/30/2016	213.690002	218.418002	262.5		213.690002	219.4417807	212.971998	213.690002
579	01-03-2017	216.990005	219.820001	263.5		216.990005	219.4226028	214.716799	216.990005
580	01-04-2017	226.990005	222.6860014	264.5		226.990005	219.403425	216.088	226.990005
581	01-05-2017	226.75	226.2040008	265.5		226.75	219.3842471	217.3016	226.75
582	01-06-2017	229.009995	228.7799988	266.5		229.009995	219.3650692	218.809201	229.009995
583	01-09-2017	231.279999	229.327997	267.5		231.279999	219.3458914	220.810801	231.279999
584	01-10-2017	229.869995	229.8959962	268.5		229.869995	219.3267135	223.181601	229.869995
585	01-11-2017	229.729996	231.6439972	269.5		229.729996	219.3075357	225.3636	229.729996
586	01-12-2017	229.589996	232.5039978	270.5		229.589996	219.2883578	227.378799	229.589996
587	1/13/2017	237.75	234.201999	271.5		237.75	219.26918	229.170398	237.75
588	1/17/2017	235.580002	237.0079988	272.5		235.580002	219.2500021	230.430397	235.580002
589	1/18/2017	238.360001	240.0359988	273.5		238.360001	219.2308242	231.514797	238.360001
590	1/19/2017	243.759995	242.2699984	274.5		243.759995	219.2116464	233.050798	243.759995
591	1/20/2017	244.729996	246.0759982	275.5		244.729996	219.1924685	235.078798	244.729996
592	1/23/2017	248.919998	249.2979982	276.5		248.919998	219.1732907	237.203999	248.919998
593	1/24/2017	254.610001	251.0479982	277.5		254.610001	219.1541128	239.918399	254.610001
594	1/25/2017	254.470001	252.6919984	278.5		254.470001	219.1349349	242.937598	254.470001
595	1/26/2017	252.509995	253.0339998	279.5		252.509995	219.1157571	245.745598	252.509995
596	1/27/2017	252.949997	252.4979982	280.5		252.949997	219.0965792	248.276798	252.949997
597	1/30/2017	250.630005	251.451999	281.5		250.630005	219.0774014	250.429599	250.630005
598	1/31/2017	251.929993	251.2600006	282.5		251.929993	219.0582235	251.713999	251.929993
599	02-01-2017	249.240005	250.9360016	283.5		249.240005	219.0390456	252.144799	249.240005
600	02-02-2017	251.550003	252.3639984	284.5		251.550003	219.0198678	252.187199	251.550003
601	02-03-2017	251.330002	253.474002	285.5		251.330002	219.0006899	251.836	251.330002
602	02-06-2017	257.769989	256.0419984	286.5		257.769989	218.9815121	251.702	257.769989
603	02-07-2017	257.480011	259.5720002	287.5		257.480011	218.9623342	251.8972	257.480011
604	02-08-2017	262.079987	263.152002	288.5		262.079987	218.9431563	252.8152	262.079987
605	02-09-2017	269.200012	267.7180054	289.5		269.200012	218.9239785	254.4776	269.200012
606	02-10-2017	269.230011	272.4180054	290.5		269.230011	218.9048006	256.9208	269.230011
607	2/13/2017	280.600006	275.95401	291.5		280.600006	218.8856228	259.991602	280.600006
608	2/14/2017	280.980011	275.90401	292.5		280.980011	218.8664449	263.780402	280.980011

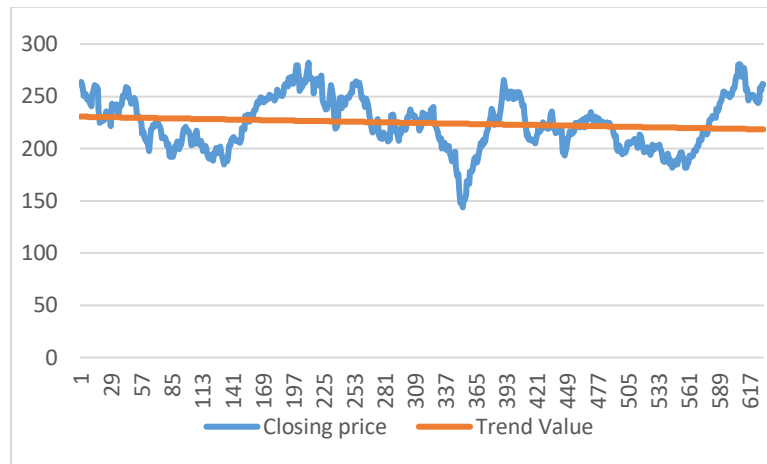
609	2/15/2017	279.76001	276.50401	293.5		279.76001	218.8472671	267.762805	279.76001
610	2/16/2017	268.950012	275.8620118	294.5		268.950012	218.8280892	271.029207	268.950012
611	2/17/2017	272.230011	274.3680116	295.5		272.230011	218.8089113	273.699608	272.230011
612	2/21/2017	277.390015	269.6140106	296.5		277.390015	218.7897335	275.328409	277.390015
613	2/22/2017	273.51001	267.2240082	297.5		273.51001	218.7705556	275.718411	273.51001
614	2/23/2017	255.990005	262.0240052	298.5		255.990005	218.7513778	274.450411	255.990005
615	2/24/2017	257	256.5440032	299.5		257	218.7321999	272.71441	257
616	2/27/2017	246.229996	251.846002	300.5		246.229996	218.713022	269.818409	246.229996
617	2/28/2017	249.990005	250.7440002	301.5		249.990005	218.6938442	265.954808	249.990005
618	03-01-2017	250.020004	249.6580016	302.5		250.020004	218.6746663	261.450406	250.020004
619	03-02-2017	250.479996	250.6540038	303.5		250.479996	218.6554885	257.676404	250.479996
620	03-03-2017	251.570007	250.374002	304.5		251.570007	218.6363106	254.163202	251.570007
621	03-06-2017	251.210007	249.7440002	305.5		251.210007	218.6171327	251.889202	251.210007
622	03-07-2017	248.589996	248.6279998	306.5		248.589996	218.5979549	250.655202	248.589996
623	03-08-2017	246.869995	247.0519988	307.5		246.869995	218.578777	250.234802	246.869995
624	03-09-2017	244.899994	246.043997	308.5		244.899994	218.5595992	249.811601	244.899994
625	03-10-2017	243.690002	247.9259978	309.5		243.690002	218.5404213	249.290401	243.690002
626	3/13/2017	246.169998	249.697998	310.5		246.169998	218.5212435	248.3684	246.169998
627	3/14/2017	258	253.1279968	311.5		258	218.5020656	247.878799	258
628	3/15/2017	255.729996	256.6899964	312.5		255.729996	218.4828877	247.869598	255.729996
629	3/16/2017	262.049988		313.5		262.049988	218.4637099	248.769598	262.049988
630	3/17/2017	261.5		314.5		261.5	218.444532	250.697197	261.5

SUMMARY OUTPUT	
Regression Statistics	
Multiple R	0.139021872
R Square	0.019327081
Adjusted R Square	0.0177655
Standard Error	24.8839265
Observations	630

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	7663.718552	7663.718552	12.3766106	0.000466134
Residual	628	388863.7532	619.2097981		
Total	629	396527.4718			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	224.4759686	0.991399362	226.4233539	0	222.5291095	226.4228	222.5291	226.4228
X Variable 1	-0.019177859	0.00545129	-3.518040733	0.00046613	-0.02988282	-0.00847	-0.02988	-0.00847





3. CONCLUSION

To conclude the paper analyses how stock prices of Tesla have fluctuated over the specified period of time. The simple mathematical tool of moving averages and trend line have been used to predict the future value. There are no external factors considered, the value is predicted according to the previous trend.