



# Data Capture Using VBA

Vivek Kashyap

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# About the Project

- ▶ This is a project for customized data capture of stock market data
- ▶ Captures data for Maximum and Minimum Values of required attributes (Columns)
- ▶ Captures Sum of required columns with pre-defined conditions
- ▶ Runs for huge amount of data (more than 45,000 lines of data)

# DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRUMENT	SYMBOL	EXPIRY_DT	STRIKE_PRICE	OPTION_TYPE	OPEN	HIGH	LOW	CLOSE	SETTLE_PRICE	CONTRACT_SIZE	VAL_IN_LAST	OPEN_INT	CHG_IN_C	TIMESTAMP								
2	OPTIDX	BANKNIFT	6-Nov-18	22800	CE	0	0	0	1865.7	0	0	0	0	0	6-Nov-18								
3	OPTIDX	BANKNIFT	6-Nov-18	22900	CE	0	0	0	1779.55	0	0	0	0	0	6-Nov-18								
4	OPTIDX	BANKNIFT	6-Nov-18	23000	CE	2922.25	2922.25	2922.25	2922.25	0	1	5.18	0	-20	6-Nov-18								
5	OPTIDX	BANKNIFT	6-Nov-18	23100	CE	0	0	0	1611.85	0	0	0	0	0	6-Nov-18								
6	OPTIDX	BANKNIFT	6-Nov-18	23200	CE	0	0	0	1878.7	0	0	0	0	0	6-Nov-18								
7	OPTIDX	BANKNIFT	6-Nov-18	23300	CE	0	0	0	1793.6	0	0	0	0	0	6-Nov-18								
8	OPTIDX	BANKNIFT	6-Nov-18	23400	CE	0	0	0	1957.95	0	0	0	0	0	6-Nov-18								
9	OPTIDX	BANKNIFT	6-Nov-18	23500	CE	0	0	0	1877.95	0	0	0	0	0	6-Nov-18								
10	OPTIDX	BANKNIFT	6-Nov-18	23600	CE	0	0	0	1799.4	0	0	0	0	0	6-Nov-18								
11	OPTIDX	BANKNIFT	6-Nov-18	23700	CE	0	0	0	2056.95	0	0	0	0	0	6-Nov-18								
12	OPTIDX	BANKNIFT	6-Nov-18	23800	CE	0	0	0	1647.05	0	0	0	0	0	6-Nov-18								
13	OPTIDX	BANKNIFT	6-Nov-18	23900	CE	1836.9	1836.9	1836.9	1836.9	0	1	5.14	20	0	6-Nov-18								
14	OPTIDX	BANKNIFT	6-Nov-18	24000	CE	1776.15	1838.15	1495.05	1608.55	0	79	405.45	460	-440	6-Nov-18								
15	OPTIDX	BANKNIFT	6-Nov-18	24100	CE	1620.45	1620.45	1473.35	1508.3	0	3	15.38	40	-20	6-Nov-18								
16	OPTIDX	BANKNIFT	6-Nov-18	24200	CE	0	0	0	1715.85	0	0	0	0	0	6-Nov-18								
17	OPTIDX	BANKNIFT	6-Nov-18	24300	CE	1545.65	1634.35	1313.7	1315.5	0	14	71.98	20	-120	6-Nov-18								
18	OPTIDX	BANKNIFT	6-Nov-18	24400	CE	1401	1428.25	1189.9	1189.9	0	24	123.47	20	-280	6-Nov-18								
19	OPTIDX	BANKNIFT	6-Nov-18	24500	CE	1336.7	1342.7	1054.95	1087	0	1251	6429.98	860	-14300	6-Nov-18								
20	OPTIDX	BANKNIFT	6-Nov-18	24600	CE	1213.65	1246.1	972.05	985.9	0	356	1829.87	340	-3420	6-Nov-18								
21	OPTIDX	BANKNIFT	6-Nov-18	24700	CE	1115.3	1141	855.05	897.2	0	526	2704.74	780	-5060	6-Nov-18								
22	OPTIDX	BANKNIFT	6-Nov-18	24800	CE	973.6	1039.65	758	785.65	0	493	2537.96	260	-4940	6-Nov-18								
23	OPTIDX	BANKNIFT	6-Nov-18	24900	CE	862.4	940	663.55	675.85	0	388	1997.23	680	-2220	6-Nov-18								
24	OPTIDX	BANKNIFT	6-Nov-18	25000	CE	523.25	847.4	523.25	593.6	0	7360	37870.14	1540	-62860	6-Nov-18								
25	OPTIDX	BANKNIFT	6-Nov-18	25100	CE	671.75	743.3	452.7	481.45	0	3946	20291.17	900	-23500	6-Nov-18								
26	OPTIDX	BANKNIFT	6-Nov-18	25200	CE	553.65	648.85	345	382.7	0	5020	25815.76	1140	-28020	6-Nov-18								
27	OPTIDX	BANKNIFT	6-Nov-18	25300	CE	588.6	588.6	250.6	295	0	7202	37014.95	800	-31600	6-Nov-18								
28	OPTIDX	BANKNIFT	6-Nov-18	25400	CE	375.15	453.15	151.5	191.15	0	31522	161770.2	1260	-63240	6-Nov-18								
29	OPTIDX	BANKNIFT	6-Nov-18	25500	CE	252	356	62.4	87.45	0	259830	1331798	10100	-200940	6-Nov-18								
30	OPTIDX	BANKNIFT	6-Nov-18	25600	CE	181.2	265	0.05	6.5	0	1446094	7412869	613600	478700	6-Nov-18								
31	OPTIDX	BANKNIFT	6-Nov-18	25700	CE	111	188.35	0.05	0.65	0	1701715	9210130	1206560	855240	6-Nov-18								

DATA FILE

# DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
45203	OPTSTK	ZEEL	31-Jan-19	370	PE	0	0	0	7.5	4.3	0	0	0	0	6-Nov-18								
45204	OPTSTK	ZEEL	31-Jan-19	380	PE	0	0	0	9.75	5.85	0	0	0	0	6-Nov-18								
45205	OPTSTK	ZEEL	31-Jan-19	390	PE	0	0	0	12.4	7.8	0	0	0	0	6-Nov-18								
45206	OPTSTK	ZEEL	31-Jan-19	400	PE	0	0	0	15.5	10.15	0	0	0	0	6-Nov-18								
45207	OPTSTK	ZEEL	31-Jan-19	410	PE	0	0	0	19.05	12.9	0	0	0	0	6-Nov-18								
45208	OPTSTK	ZEEL	31-Jan-19	420	PE	0	0	0	23.1	16.1	0	0	0	0	6-Nov-18								
45209	OPTSTK	ZEEL	31-Jan-19	430	PE	0	0	0	27.65	19.85	0	0	0	0	6-Nov-18								
45210	OPTSTK	ZEEL	31-Jan-19	440	PE	0	0	0	32.6	24.05	0	0	0	0	6-Nov-18								
45211	OPTSTK	ZEEL	31-Jan-19	450	PE	0	0	0	38.05	28.75	0	0	0	0	6-Nov-18								
45212	OPTSTK	ZEEL	31-Jan-19	460	PE	0	0	0	43.95	33.95	0	0	0	0	6-Nov-18								
45213	OPTSTK	ZEEL	31-Jan-19	470	PE	0	0	0	50.25	39.65	0	0	0	0	6-Nov-18								
45214	OPTSTK	ZEEL	31-Jan-19	480	PE	0	0	0	56.95	45.75	0	0	0	0	6-Nov-18								
45215	OPTSTK	ZEEL	31-Jan-19	490	PE	0	0	0	64	52.3	0	0	0	0	6-Nov-18								
45216	OPTSTK	ZEEL	31-Jan-19	500	PE	0	0	0	71.45	59.25	0	0	0	0	6-Nov-18								
45217	OPTSTK	ZEEL	31-Jan-19	510	PE	0	0	0	79.15	66.6	0	0	0	0	6-Nov-18								
45218	OPTSTK	ZEEL	31-Jan-19	520	PE	0	0	0	87.15	74.25	0	0	0	0	6-Nov-18								
45219	OPTSTK	ZEEL	31-Jan-19	530	PE	0	0	0	95.4	82.2	0	0	0	0	6-Nov-18								
45220	OPTSTK	ZEEL	31-Jan-19	540	PE	0	0	0	103.85	90.4	0	0	0	0	6-Nov-18								
45221	OPTSTK	ZEEL	31-Jan-19	550	PE	0	0	0	112.5	98.85	0	0	0	0	6-Nov-18								
45222	OPTSTK	ZEEL	31-Jan-19	560	PE	0	0	0	121.3	107.5	0	0	0	0	6-Nov-18								
45223	OPTSTK	ZEEL	31-Jan-19	570	PE	0	0	0	130.3	116.35	0	0	0	0	6-Nov-18								
45224	OPTSTK	ZEEL	31-Jan-19	580	PE	0	0	0	139.4	125.35	0	0	0	0	6-Nov-18								
45225	OPTSTK	ZEEL	31-Jan-19	590	PE	0	0	0	148.6	134.5	0	0	0	0	6-Nov-18								
45226	OPTSTK	ZEEL	31-Jan-19	600	PE	0	0	0	157.9	143.75	0	0	0	0	6-Nov-18								
45227	OPTSTK	ZEEL	31-Jan-19	610	PE	0	0	0	167.3	153.1	0	0	0	0	6-Nov-18								
45228	OPTSTK	ZEEL	31-Jan-19	620	PE	0	0	0	176.75	162.55	0	0	0	0	6-Nov-18								
45229	OPTSTK	ZEEL	31-Jan-19	630	PE	0	0	0	186.3	172.05	0	0	0	0	6-Nov-18								
45230																							
45231																							
45232																							
45233																							

With over  
45,000 lines  
of data

# FINAL DATA CAPTURED

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
1	SYMBOL	CE										PE									
			Corrensponding	Corrensponding																	
2		Max in Column N	Value in Column K	Value in Column D	Min in Column N	K	D	Sum N	Max M	K	Sum M	Max N	K	D	Min N	K	D	Sum N	Max M	K	S
3	BANKNIFT	965340	1791715	25700	-200940	259830	25500	6399700	1804080	1818072	14714960	549140	1876693	25500	-310720	2157747	25700	1857800	1508500	1876693	12
4	NIFTY	604125	98856	10700	-97500	44378	10500	2132850	2762550	66537	43038025	300750	23970	9800	-160875	5182	9300	1476975	4988625	45807	66
5	NIFTYIT	0	0	12200	0	0	12200	0	100	0	250	0	0	12200	0	0	12200	0	100	0	
6	NIFTYMID	0	0	3200	0	0	3200	0	0	0	0	0	0	3200	0	0	3200	0	0	0	
7	ACC	10800	96	1460	-800	6	1520	23200	60400	317	196400	1600	42	1440	-2000	48	1400	1600	66800	5	
8	ADANIENT	256000	212	170	-92000	105	190	136000	1180000	105	4748000	24000	23	140	-20000	23	170	52000	532000	110	2
9	ADANIPOF	50000	207	340	-92500	211	330	55000	297500	87	1777500	10000	24	310	-35000	114	300	-32500	262500	114	1
10	ADANIPOV	100000	42	55	-20000	2	56	220000	3020000	25	7080000	240000	24	40	-40000	2	37.5	400000	2500000	24	16
11	AJANTPHA	2000	5	1040	-500	3	1140	4500	16500	5	43500	2000	7	1040	0	0	780	5000	16000	2	
12	ALBK	33000	6	50	-22000	28	45	0	605000	28	2497000	33000	3	46	-132000	33	40	-99000	539000	33	2
13	AMARAJAE	2800	12	860	-9100	38	820	-5600	48300	50	168700	4200	8	720	0	0	520	4900	33600	6	
14	AMBUJACI	17500	85	220	-40000	65	215	-50000	427500	85	2017500	17500	56	200	-47500	86	205	-72500	235000	56	1
15	APOLLOHC	3000	78	1200	-5000	23	1160	2500	33500	78	99500	5000	66	1100	-12000	49	1080	-4500	13000	66	
16	APOLLOTY	39000	25	250	-54000	177	220	3000	363000	25	1770000	9000	14	195	-195000	112	220	-189000	639000	66	2
17	ARVIND	116000	275	340	-32000	46	370	228000	678000	209	3620000	4000	6	280	-30000	119	320	-72000	284000	161	1
18	ASHOKLEY	96000	32	150	-116000	836	120	132000	2356000	564	11820000	64000	240	110	-140000	367	115	-80000	1272000	76	6
19	ASIANPAIN	8400	28	1400	-3000	10	1220	34800	114600	157	557400	3000	29	1180	-9000	67	1160	-18600	99000	147	
20	AUROPHA	24000	360	840	-11000	11	740	43000	310000	558	1591000	19000	204	780	-6000	183	760	23000	184000	42	1
21	AXISBANK	372000	1142	600	-56400	131	720	1302000	1598400	1142	10779600	300000	3148	600	-79200	581	550	132000	1942800	182	8
22	BAJAJ-AUT	5000	63	3000	-3000	54	2900	2250	64750	63	355750	2250	174	2650	-2750	147	2500	750	110250	0	
23	BAJAJFINS	1250	12	6200	-1125	43	5800	-625	9500	44	50625	625	10	5000	-875	12	5400	250	9125	10	
24	BAJFINAN	79000	703	2600	-4000	72	2300	95000	320250	1099	1532000	2250	200	2350	-5250	128	2000	-9250	331000	128	1
25	BALKRISIN	214400	694	1000	-11200	226	1150	668800	216800	694	1053600	84800	639	900	-6400	16	1140	172000	100000	639	
26	BANKBARC	112000	563	115	-72000	252	130	-12000	4220000	581	18980000	40000	397	110	-312000	395	100	-608000	1976000	395	11
27	BANKINDIA	276000	162	90	-6000	2	82.5	522000	1440000	162	5358000	30000	37	85	-12000	2	60	24000	552000	22	2
28	BATAINDIA	63800	721	1100	-19800	301	1060	61050	165550	721	947100	9350	106	960	-4950	132	980	17600	75900	85	
29	BS	150000	54	140	-8800	3	85	160000	2000000	174	8330000	54400	74	80	-20700	7	75	20600	773450	74	0



# About DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRUM	SYMBOL	EXPIRY_D	STRIKE_PR	OPTION_T	OPEN	HIGH	LOW	CLOSE	SETTLE_PF	CONTRAC	VAL_INLA	OPEN_INT	CHG_IN_C	TIMESTAMP								
2	OPTIDX	BANKNIFT	6-Nov-18	22800	CE	0	0	0	1865.7	0	0	0	0	0	6-Nov-18								
3	OPTIDX	BANKNIFT	6-Nov-18	22900	CE	0	0	0	1779.55	0	0	0	0	0	6-Nov-18								
4	OPTIDX	BANKNIFT	6-Nov-18	23000	CE	2922.25	2922.25	2922.25	2922.25	0	1	5.18	0	-20	6-Nov-18								
5	OPTIDX	BANKNIFT	6-Nov-18	23100	CE	0	0	0	1611.85	0	0	0	0	0	6-Nov-18								
6	OPTIDX	BANKNIFT	6-Nov-18	23200	CE	0	0	0	1878.7	0	0	0	0	0	6-Nov-18								
7	OPTIDX	BANKNIFT	6-Nov-18	23300	CE	0	0	0	1793.6	0	0	0	0	0	6-Nov-18								
8	OPTIDX	BANKNIFT	6-Nov-18	23400	CE	0	0	0	1957.95	0	0	0	0	0	6-Nov-18								
9	OPTIDX	BANKNIFT	6-Nov-18	23500	CE	0	0	0	1877.95	0	0	0	0	0	6-Nov-18								
10	OPTIDX	BANKNIFT	6-Nov-18	23600	CE	0	0	0	1799.4	0	0	0	0	0	6-Nov-18								
11	OPTIDX	BANKNIFT	6-Nov-18	23700	CE	0	0	0	2056.95	0	0	0	0	0	6-Nov-18								
12	OPTIDX	BANKNIFT	6-Nov-18	23800	CE	0	0	0	1647.05	0	0	0	0	0	6-Nov-18								
13	OPTIDX	BANKNIFT	6-Nov-18	23900	CE	1836.9	1836.9	1836.9	1836.9	0	1	5.14	20	0	6-Nov-18								
14	OPTIDX	BANKNIFT	6-Nov-18	24000	CE	1776.15	1838.15	1495.05	1608.55	0	79	405.45	460	-440	6-Nov-18								
15	OPTIDX	BANKNIFT	6-Nov-18	24100	CE	1620.45	1620.45	1473.35	1508.3	0	3	15.38	40	-20	6-Nov-18								
16	OPTIDX	BANKNIFT	6-Nov-18	24200	CE	0	0	0	1715.85	0	0	0	0	0	6-Nov-18								
17	OPTIDX	BANKNIFT	6-Nov-18	24300	CE	1545.65	1634.35	1313.7	1315.5	0	14	71.98	20	-120	6-Nov-18								
18	OPTIDX	BANKNIFT	6-Nov-18	24400	CE	1401	1428.25	1189.9	1189.9	0	24	123.47	20	-280	6-Nov-18								
19	OPTIDX	BANKNIFT	6-Nov-18	24500	CE	1336.7	1342.7	1054.95	1087	0	1251	6429.98	860	-14300	6-Nov-18								
20	OPTIDX	BANKNIFT	6-Nov-18	24600	CE	1213.65	1246.1	972.05	985.9	0	356	1829.87	340	-3420	6-Nov-18								
21	OPTIDX	BANKNIFT	6-Nov-18	24700	CE	1115.3	1141	855.05	897.2	0	526	2704.74	780	-5060	6-Nov-18								
22	OPTIDX	BANKNIFT	6-Nov-18	24800	CE	973.6	1039.65	758	785.65	0	493	2537.96	260	-4940	6-Nov-18								
23	OPTIDX	BANKNIFT	6-Nov-18	24900	CE	862.4	940	663.55	675.85	0	388	1997.23	680	-2220	6-Nov-18								
24	OPTIDX	BANKNIFT	6-Nov-18	25000	CE	523.25	847.4	523.25	593.6	0	7360	37870.14	1540	-62860	6-Nov-18								
25	OPTIDX	BANKNIFT	6-Nov-18	25100	CE	671.75	743.3	452.7	481.45	0	3946	20291.17	900	-23500	6-Nov-18								
26	OPTIDX	BANKNIFT	6-Nov-18	25200	CE	553.65	648.85	345	382.7	0	5020	25815.76	1140	-28020	6-Nov-18								
27	OPTIDX	BANKNIFT	6-Nov-18	25300	CE	588.6	588.6	250.6	295	0	7202	37014.95	800	-31600	6-Nov-18								
28	OPTIDX	BANKNIFT	6-Nov-18	25400	CE	375.15	453.15	151.5	191.15	0	31522	161770.2	1260	-63240	6-Nov-18								
29	OPTIDX	BANKNIFT	6-Nov-18	25500	CE	252	356	62.4	87.45	0	259830	1331798	10100	-200940	6-Nov-18								
30	OPTIDX	BANKNIFT	6-Nov-18	25600	CE	181.2	265	0.05	6.5	0	1446094	7412869	613600	478700	6-Nov-18								
31	OPTIDX	BANKNIFT	6-Nov-18	25700	CE	111	188.35	0.05	0.55	0	1701715	8310130	1306560	865340	6-Nov-18								

File has different SYMBOLS

# About DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRUM	SYMBOL	EXPIRY_D1	STRIKE_P	OPTION_T	OPEN	HIGH	LOW	CLOSE	SETTLE_PF	CONTRAC	VAL_INLA	OPEN_INT	CHG_IN_C	TIMESTAMP								
1032	OPTIDX	NIFTY	#####	8650	CE	0	0	0	1565.1	1918.8	0	0	0	0	6-Nov-18								
1033	OPTIDX	NIFTY	#####	8700	CE	0	0	0	1344.4	1869.05	0	0	900	0	6-Nov-18								
1034	OPTIDX	NIFTY	#####	8750	CE	1825	1830	1825	1830	1830	2	15.86	2700	-150	6-Nov-18								
1035	OPTIDX	NIFTY	#####	8800	CE	0	0	0	1242.6	1769.55	0	0	1200	0	6-Nov-18								
1036	OPTIDX	NIFTY	#####	8850	CE	0	0	0	1571.5	1719.8	0	0	0	0	6-Nov-18								
1037	OPTIDX	NIFTY	#####	8900	CE	0	0	0	1165.45	1670.1	0	0	150	0	6-Nov-18								
1038	OPTIDX	NIFTY	#####	8950	CE	0	0	0	1476.05	1620.4	0	0	0	0	6-Nov-18								
1039	OPTIDX	NIFTY	#####	9000	CE	1577	1603.8	1505.7	1543.35	1543.35	175	1386.22	502725	-4275	6-Nov-18								
1040	OPTIDX	NIFTY	#####	9050	CE	0	0	0	1381.75	1521.1	0	0	0	0	6-Nov-18								
1041	OPTIDX	NIFTY	#####	9100	CE	0	0	0	1296.4	1471.5	0	0	7950	0	6-Nov-18								
1042	OPTIDX	NIFTY	#####	9150	CE	0	0	0	1559.3	1422	0	0	0	0	6-Nov-18								
1043	OPTIDX	NIFTY	#####	9200	CE	1336.2	1348.9	1319.3	1348.9	1348.9	23	181.61	9150	1275	6-Nov-18								
1044	OPTIDX	NIFTY	#####	9250	CE	0	0	0	1462.65	1323.2	0	0	0	0	6-Nov-18								
1045	OPTIDX	NIFTY	#####	9300	CE	0	0	0	1219.85	1274	0	0	1575	0	6-Nov-18								
1046	OPTIDX	NIFTY	#####	9350	CE	0	0	0	1619.05	1224.95	0	0	0	0	6-Nov-18								
1047	OPTIDX	NIFTY	#####	9400	CE	1145.5	1145.5	1145.5	1145.5	1145.5	1	7.9	22650	0	6-Nov-18								
1048	OPTIDX	NIFTY	#####	9450	CE	0	0	0	852.75	1127.45	0	0	75	0	6-Nov-18								
1049	OPTIDX	NIFTY	#####	9500	CE	1084.9	1118.25	1036.45	1052.5	1052.5	308	2445.78	516375	-8100	6-Nov-18								
1050	OPTIDX	NIFTY	#####	9550	CE	0	0	0	853.1	1031.05	0	0	75	0	6-Nov-18								
1051	OPTIDX	NIFTY	#####	9600	CE	1003.6	1013.55	923.5	949.35	949.35	1525	12097.31	114975	5325	6-Nov-18								
1052	OPTIDX	NIFTY	#####	9650	CE	0	0	0	635.45	936.2	0	0	75	0	6-Nov-18								
1053	OPTIDX	NIFTY	#####	9700	CE	893.55	921.2	845.45	862.8	862.8	111	881.11	42600	-1425	6-Nov-18								
1054	OPTIDX	NIFTY	#####	9750	CE	807	807.05	807	807.05	807.05	2	15.83	0	-150	6-Nov-18								
1055	OPTIDX	NIFTY	#####	9800	CE	797.5	823	749.9	768.5	768.5	56	444.89	54750	-825	6-Nov-18								
1056	OPTIDX	NIFTY	#####	9850	CE	755	774.2	725.2	725.2	725.2	3	23.85	525	-75	6-Nov-18								
1057	OPTIDX	NIFTY	#####	9900	CE	703.65	737	658.45	679.2	679.2	214	1703.1	63975	-5850	6-Nov-18								
1058	OPTIDX	NIFTY	#####	9950	CE	664.35	682.65	622.85	622.85	622.85	7	55.69	2250	-300	6-Nov-18								
1059	OPTIDX	NIFTY	#####	10000	CE	612.55	646	558	586.45	586.45	1223	9724.49	642900	-8475	6-Nov-18								
1060	OPTIDX	NIFTY	#####	10050	CE	575	587.15	529.4	529.4	529.4	13	103.49	11850	-300	6-Nov-18								

File has different SYMBOLS



# About DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRUM	SYMBOL	EXPIRY_DT	STRIKE_PR	OPTION_T	OPEN	HIGH	LOW	CLOSE	SETTLE_PF	CONTRAC	VAL_INLA	OPEN_INT	CHG_IN_C	TIMESTAMP								
3421	OPTIDX	NIFTYIT	#####	12300	CE	0	0	0	1625.95	2340.7	0	0	0	0	6-Nov-18								
3422	OPTIDX	NIFTYIT	#####	12400	CE	0	0	0	1769.45	2243.6	0	0	0	0	6-Nov-18								
3423	OPTIDX	NIFTYIT	#####	12500	CE	0	0	0	1681.6	2147.1	0	0	0	0	6-Nov-18								
3424	OPTIDX	NIFTYIT	#####	12600	CE	0	0	0	1595.35	2051.3	0	0	0	0	6-Nov-18								
3425	OPTIDX	NIFTYIT	#####	12700	CE	0	0	0	1510.8	1956.35	0	0	0	0	6-Nov-18								
3426	OPTIDX	NIFTYIT	#####	12800	CE	0	0	0	1775	1862.35	0	0	0	0	6-Nov-18								
3427	OPTIDX	NIFTYIT	#####	12900	CE	0	0	0	1824.75	1769.5	0	0	0	0	6-Nov-18								
3428	OPTIDX	NIFTYIT	#####	13000	CE	0	0	0	1737.25	1677.9	0	0	0	0	6-Nov-18								
3429	OPTIDX	NIFTYIT	#####	13100	CE	0	0	0	1799.8	1587.7	0	0	0	0	6-Nov-18								
3430	OPTIDX	NIFTYIT	#####	13200	CE	0	0	0	1714.55	1499.1	0	0	0	0	6-Nov-18								
3431	OPTIDX	NIFTYIT	#####	13300	CE	0	0	0	1630.95	1412.3	0	0	0	0	6-Nov-18								
3432	OPTIDX	NIFTYIT	#####	13400	CE	0	0	0	1549.1	1327.4	0	0	0	0	6-Nov-18								
3433	OPTIDX	NIFTYIT	#####	13500	CE	0	0	0	1840.55	1244.6	0	0	0	0	6-Nov-18								
3434	OPTIDX	NIFTYIT	#####	13600	CE	0	0	0	1752.5	1164.05	0	0	0	0	6-Nov-18								
3435	OPTIDX	NIFTYIT	#####	13700	CE	0	0	0	1827.35	1086	0	0	0	0	6-Nov-18								
3436	OPTIDX	NIFTYIT	#####	13800	CE	0	0	0	1880.6	1011.05	0	0	0	0	6-Nov-18								
3437	OPTIDX	NIFTYIT	#####	13900	CE	0	0	0	1908	937.55	0	0	0	0	6-Nov-18								
3438	OPTIDX	NIFTYIT	#####	14000	CE	0	0	0	1815.7	867.65	0	0	0	0	6-Nov-18								
3439	OPTIDX	NIFTYIT	#####	14100	CE	0	0	0	1724.55	800.75	0	0	0	0	6-Nov-18								
3440	OPTIDX	NIFTYIT	#####	14200	CE	0	0	0	1634.65	736.9	0	0	0	0	6-Nov-18								
3441	OPTIDX	NIFTYIT	#####	14300	CE	0	0	0	1546.2	676.2	0	0	0	0	6-Nov-18								
3442	OPTIDX	NIFTYIT	#####	14400	CE	0	0	0	1459.35	618.65	0	0	0	0	6-Nov-18								
3443	OPTIDX	NIFTYIT	#####	14500	CE	0	0	0	1374.25	564.35	0	0	0	0	6-Nov-18								
3444	OPTIDX	NIFTYIT	#####	14600	CE	0	0	0	1291.15	513.2	0	0	0	0	6-Nov-18								
3445	OPTIDX	NIFTYIT	#####	14700	CE	0	0	0	1210.1	465.35	0	0	0	0	6-Nov-18								
3446	OPTIDX	NIFTYIT	#####	14800	CE	0	0	0	1131.3	420.65	0	0	0	0	6-Nov-18								
3447	OPTIDX	NIFTYIT	#####	14900	CE	0	0	0	1054.95	379.1	0	0	0	0	6-Nov-18								
3448	OPTIDX	NIFTYIT	#####	15000	CE	0	0	0	981.75	340.55	0	0	0	0	6-Nov-18								
3449	OPTIDX	NIFTYIT	#####	15100	CE	0	0	0	909.9	305	0	0	0	0	6-Nov-18								
3450	OPTIDX	NIFTYIT	#####	15200	CE	0	0	0	844.7	272.2	0	0	0	0	6-Nov-18								

File has different SYMBOLS

# About DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRUM	SYMBOL	EXPIRY_DT	STRIKE_PRO	OPTION_T	OPEN	HIGH	LOW	CLOSE	SETTLE_PF	CONTRAC	VAL_INLA	OPEN_INT	CHG_IN_C	TIMESTAMP								
3737	OPTIDX	NIFTYMID	#####	3300	CE	0	0	0	1144.75	1460.25	0	0	0	0	6-Nov-18								
3738	OPTIDX	NIFTYMID	#####	3400	CE	0	0	0	1265.5	1360.7	0	0	0	0	6-Nov-18								
3739	OPTIDX	NIFTYMID	#####	3500	CE	0	0	0	1275.4	1261.15	0	0	0	0	6-Nov-18								
3740	OPTIDX	NIFTYMID	#####	3600	CE	0	0	0	1230.35	1161.65	0	0	0	0	6-Nov-18								
3741	OPTIDX	NIFTYMID	#####	3700	CE	0	0	0	1243.95	1062.15	0	0	0	0	6-Nov-18								
3742	OPTIDX	NIFTYMID	#####	3800	CE	0	0	0	1297.9	962.75	0	0	0	0	6-Nov-18								
3743	OPTIDX	NIFTYMID	#####	3900	CE	0	0	0	1315.3	863.65	0	0	0	0	6-Nov-18								
3744	OPTIDX	NIFTYMID	#####	4000	CE	0	0	0	1217.4	765.15	0	0	0	0	6-Nov-18								
3745	OPTIDX	NIFTYMID	#####	4100	CE	0	0	0	1305.5	667.95	0	0	0	0	6-Nov-18								
3746	OPTIDX	NIFTYMID	#####	4200	CE	0	0	0	1207.4	573	0	0	0	0	6-Nov-18								
3747	OPTIDX	NIFTYMID	#####	4300	CE	0	0	0	1109.5	481.65	0	0	0	0	6-Nov-18								
3748	OPTIDX	NIFTYMID	#####	4400	CE	0	0	0	1011.95	395.65	0	0	0	0	6-Nov-18								
3749	OPTIDX	NIFTYMID	#####	4500	CE	0	0	0	914.95	316.7	0	0	0	0	6-Nov-18								
3750	OPTIDX	NIFTYMID	#####	4600	CE	0	0	0	819.05	246.4	0	0	0	0	6-Nov-18								
3751	OPTIDX	NIFTYMID	#####	4700	CE	0	0	0	724.85	186.1	0	0	0	0	6-Nov-18								
3752	OPTIDX	NIFTYMID	#####	4800	CE	0	0	0	633.25	136.1	0	0	0	0	6-Nov-18								
3753	OPTIDX	NIFTYMID	#####	4900	CE	0	0	0	545.3	96.35	0	0	0	0	6-Nov-18								
3754	OPTIDX	NIFTYMID	#####	5000	CE	0	0	0	462.15	66	0	0	0	0	6-Nov-18								
3755	OPTIDX	NIFTYMID	#####	5100	CE	0	0	0	384.95	43.75	0	0	0	0	6-Nov-18								
3756	OPTIDX	NIFTYMID	#####	5200	CE	0	0	0	314.65	28.05	0	0	0	0	6-Nov-18								
3757	OPTIDX	NIFTYMID	#####	5300	CE	0	0	0	252.3	17.4	0	0	0	0	6-Nov-18								
3758	OPTIDX	NIFTYMID	#####	5400	CE	0	0	0	198.25	10.45	0	0	0	0	6-Nov-18								
3759	OPTIDX	NIFTYMID	#####	5500	CE	0	0	0	152.5	6.05	0	0	0	0	6-Nov-18								
3760	OPTIDX	NIFTYMID	#####	5600	CE	0	0	0	114.85	3.4	0	0	0	0	6-Nov-18								
3761	OPTIDX	NIFTYMID	#####	5700	CE	0	0	0	84.6	1.85	0	0	0	0	6-Nov-18								
3762	OPTIDX	NIFTYMID	#####	5800	CE	0	0	0	61.1	1	0	0	0	0	6-Nov-18								
3763	OPTIDX	NIFTYMID	#####	5900	CE	0	0	0	43.15	0.5	0	0	0	0	6-Nov-18								
3764	OPTIDX	NIFTYMID	#####	6000	CE	0	0	0	29.85	0.25	0	0	0	0	6-Nov-18								
3765	OPTIDX	NIFTYMID	#####	6100	CE	0	0	0	20.2	0.15	0	0	0	0	6-Nov-18								
3766	OPTIDX	NIFTYMID	#####	6200	CE	0	0	0	13.4	0.1	0	0	0	0	6-Nov-18								

File has different SYMBOLS

# About DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRUM	SYMBOL	EXPIRY_DT	STRIKE_PR	OPTION_T	OPEN	HIGH	LOW	CLOSE	SETTLE_PF	CONTRAC	VAL_INLA	OPEN_INT	CHG_IN_C	TIMESTAMP								
3863	OPTSTK	ACC	#####	1160	CE	0	0	0	415.95	293.8	0	0	0	0	6-Nov-18								
3864	OPTSTK	ACC	#####	1180	CE	0	0	0	435.9	274.5	0	0	0	0	6-Nov-18								
3865	OPTSTK	ACC	#####	1200	CE	0	0	0	417.85	255.4	0	0	0	0	6-Nov-18								
3866	OPTSTK	ACC	#####	1220	CE	0	0	0	433.8	236.6	0	0	0	0	6-Nov-18								
3867	OPTSTK	ACC	#####	1240	CE	0	0	0	415.75	218.2	0	0	0	0	6-Nov-18								
3868	OPTSTK	ACC	#####	1260	CE	0	0	0	209.6	200.2	0	0	400	0	6-Nov-18								
3869	OPTSTK	ACC	#####	1280	CE	0	0	0	99.75	182.8	0	0	2800	0	6-Nov-18								
3870	OPTSTK	ACC	#####	1300	CE	0	0	0	86.3	165.95	0	0	3600	0	6-Nov-18								
3871	OPTSTK	ACC	#####	1320	CE	0	0	0	84	149.8	0	0	400	0	6-Nov-18								
3872	OPTSTK	ACC	#####	1340	CE	0	0	0	80.75	134.45	0	0	2000	0	6-Nov-18								
3873	OPTSTK	ACC	#####	1360	CE	0	0	0	108.1	119.95	0	0	6400	0	6-Nov-18								
3874	OPTSTK	ACC	#####	1380	CE	95	95	95	95	95	1	5.9	4800	-400	6-Nov-18								
3875	OPTSTK	ACC	#####	1400	CE	78.15	78.15	64	64	64	5	29.42	21200	-400	6-Nov-18								
3876	OPTSTK	ACC	#####	1420	CE	59.45	59.45	59	59	59	2	11.83	4800	0	6-Nov-18								
3877	OPTSTK	ACC	#####	1440	CE	52.5	52.5	37.55	41.15	41.15	12	71.31	13200	-400	6-Nov-18								
3878	OPTSTK	ACC	#####	1460	CE	50.15	50.15	29.55	31.1	31.1	96	574.96	27200	10800	6-Nov-18								
3879	OPTSTK	ACC	#####	1480	CE	33.8	38.5	20.95	21.9	21.9	269	1626.76	15200	7600	6-Nov-18								
3880	OPTSTK	ACC	#####	1500	CE	26	29.2	15.35	16.7	16.7	317	1928.89	60400	2000	6-Nov-18								
3881	OPTSTK	ACC	#####	1520	CE	19.8	19.8	8.75	8.75	8.75	6	36.8	2400	-800	6-Nov-18								
3882	OPTSTK	ACC	#####	1540	CE	14.6	15	8.3	8.45	8.45	31	192.46	12000	1200	6-Nov-18								
3883	OPTSTK	ACC	#####	1560	CE	9.7	9.7	6.3	6.3	6.3	10	62.71	3600	2800	6-Nov-18								
3884	OPTSTK	ACC	#####	1580	CE	0	0	0	165.05	22.3	0	0	0	0	6-Nov-18								
3885	OPTSTK	ACC	#####	1600	CE	5	5	3	4.7	4.7	5	32.08	7600	800	6-Nov-18								
3886	OPTSTK	ACC	#####	1620	CE	0	0	0	144.35	15.1	0	0	0	0	6-Nov-18								
3887	OPTSTK	ACC	#####	1640	CE	0	0	0	0.2	12.3	0	0	400	0	6-Nov-18								
3888	OPTSTK	ACC	#####	1660	CE	0	0	0	2	9.95	0	0	6000	0	6-Nov-18								
3889	OPTSTK	ACC	#####	1680	CE	0	0	0	0.2	8	0	0	400	0	6-Nov-18								
3890	OPTSTK	ACC	#####	1700	CE	0	0	0	1	6.4	0	0	1200	0	6-Nov-18								
3891	OPTSTK	ACC	#####	1720	CE	0	0	0	100.9	5.1	0	0	0	0	6-Nov-18								
3892	OPTSTK	ACC	#####	1740	CE	0	0	0	22.6	4.05	0	0	0	0	6-Nov-18								

File has different SYMBOLS

# About DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRUMENT	SYMBOL	EXPIRY_DT	STRIKE_PRICE	OPTION_TYPE	OPEN	HIGH	LOW	CLOSE	SETTLE_PRICE	CONTRACT_SIZE	VAL_INLA	OPEN_INT	CHG_IN_C	TIMESTAMP								
2	OPTIDX	BANKNIFT	6-Nov-18	22800	CE	0	0	0	1865.7	0	0	0	0	0	6-Nov-18								
3	OPTIDX	BANKNIFT	6-Nov-18	22900	CE	0	0	0	1779.55	0	0	0	0	0	6-Nov-18								
4	OPTIDX	BANKNIFT	6-Nov-18	23000	CE	2922.25	2922.25	2922.25	2922.25	0	1	5.18	0	-20	6-Nov-18								
5	OPTIDX	BANKNIFT	6-Nov-18	23100	CE	0	0	0	1611.85	0	0	0	0	0	6-Nov-18								
6	OPTIDX	BANKNIFT	6-Nov-18	23200	CE	0	0	0	1878.7	0	0	0	0	0	6-Nov-18								
7	OPTIDX	BANKNIFT	6-Nov-18	23300	CE	0	0	0	1793.6	0	0	0	0	0	6-Nov-18								
8	OPTIDX	BANKNIFT	6-Nov-18	23400	CE	0	0	0	1957.95	0	0	0	0	0	6-Nov-18								
9	OPTIDX	BANKNIFT	6-Nov-18	23500	CE	0	0	0	1877.95	0	0	0	0	0	6-Nov-18								
10	OPTIDX	BANKNIFT	6-Nov-18	23600	CE	0	0	0	1799.4	0	0	0	0	0	6-Nov-18								
11	OPTIDX	BANKNIFT	6-Nov-18	23700	CE	0	0	0	2056.95	0	0	0	0	0	6-Nov-18								
12	OPTIDX	BANKNIFT	6-Nov-18	23800	CE	0	0	0	1647.05	0	0	0	0	0	6-Nov-18								
13	OPTIDX	BANKNIFT	6-Nov-18	23900	CE	1836.9	1836.9	1836.9	1836.9	0	1	5.14	20	0	6-Nov-18								
14	OPTIDX	BANKNIFT	6-Nov-18	24000	CE	1776.15	1838.15	1495.05	1608.55	0	79	405.45	460	-440	6-Nov-18								
15	OPTIDX	BANKNIFT	6-Nov-18	24100	CE	1620.45	1620.45	1473.35	1508.3	0	3	15.38	40	-20	6-Nov-18								
16	OPTIDX	BANKNIFT	6-Nov-18	24200	CE	0	0	0	1715.85	0	0	0	0	0	6-Nov-18								
17	OPTIDX	BANKNIFT	6-Nov-18	24300	CE	1545.65	1634.35	1313.7	1315.5	0	14	71.98	20	-120	6-Nov-18								
18	OPTIDX	BANKNIFT	6-Nov-18	24400	CE	1401	1428.25	1189.9	1189.9	0	24	123.47	20	-280	6-Nov-18								
19	OPTIDX	BANKNIFT	6-Nov-18	24500	CE	1336.7	1342.7	1054.95	1087	0	1251	6429.98	860	-14300	6-Nov-18								
20	OPTIDX	BANKNIFT	6-Nov-18	24600	CE	1213.65	1246.1	972.05	985.9	0	356	1829.87	340	-3420	6-Nov-18								
21	OPTIDX	BANKNIFT	6-Nov-18	24700	CE	1115.3	1141	855.05	897.2	0	526	2704.74	780	-5060	6-Nov-18								
22	OPTIDX	BANKNIFT	6-Nov-18	24800	CE	973.6	1039.65	758	785.65	0	493	2537.96	260	-4940	6-Nov-18								
23	OPTIDX	BANKNIFT	6-Nov-18	24900	CE	862.4	940	663.55	675.85	0	388	1997.23	680	-2220	6-Nov-18								
24	OPTIDX	BANKNIFT	6-Nov-18	25000	CE	523.25	847.4	523.25	593.6	0	7360	37870.14	1540	-62860	6-Nov-18								
25	OPTIDX	BANKNIFT	6-Nov-18	25100	CE	671.75	743.3	452.7	481.45	0	3946	20291.17	900	-23500	6-Nov-18								
26	OPTIDX	BANKNIFT	6-Nov-18	25200	CE	553.65	648.85	345	382.7	0	5020	25815.76	1140	-28020	6-Nov-18								
27	OPTIDX	BANKNIFT	6-Nov-18	25300	CE	588.6	588.6	250.6	295	0	7202	37014.95	800	-31600	6-Nov-18								
28	OPTIDX	BANKNIFT	6-Nov-18	25400	CE	375.15	453.15	151.5	191.15	0	31522	161770.2	1260	-63240	6-Nov-18								
29	OPTIDX	BANKNIFT	6-Nov-18	25500	CE	252	356	62.4	87.45	0	259830	1331798	10100	-200940	6-Nov-18								
30	OPTIDX	BANKNIFT	6-Nov-18	25600	CE	181.2	265	0.05	6.5	0	1446094	7412869	613600	478700	6-Nov-18								
31	OPTIDX	BANKNIFT	6-Nov-18	25700	CE	111	180.35	0.05	0.65	0	1701715	8310130	1206560	865340	6-Nov-18								

Each SYMBOL has two types  
"CE" and "PE"

# About DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRUMENT	SYMBOL	EXPIRY_DT	STRIKE_PRICE	OPTION_TYPE	OPEN	HIGH	LOW	CLOSE	SETTLE_PRICE	CONTRACT_SIZE	VAL_INLA	OPEN_INT	CHG_IN_C	TIMESTAMP								
67	OPTIDX	BANKNIFT	6-Nov-18	22900	PE	0.05	0.05	0.05	0.05	0	136	622.88	3580	0	6-Nov-18								
68	OPTIDX	BANKNIFT	6-Nov-18	23000	PE	0.05	0.15	0.05	0.05	0	1621	7456.61	41140	1440	6-Nov-18								
69	OPTIDX	BANKNIFT	6-Nov-18	23100	PE	0.05	0.05	0.05	0.05	0	12	55.44	480	0	6-Nov-18								
70	OPTIDX	BANKNIFT	6-Nov-18	23200	PE	0.1	0.1	0.1	0.1	0	2	9.28	4400	0	6-Nov-18								
71	OPTIDX	BANKNIFT	6-Nov-18	23300	PE	0	0	0	0.6	0	0	0	1140	0	6-Nov-18								
72	OPTIDX	BANKNIFT	6-Nov-18	23400	PE	0.05	0.05	0.05	0.05	0	121	566.28	4540	-220	6-Nov-18								
73	OPTIDX	BANKNIFT	6-Nov-18	23500	PE	0.1	0.15	0.05	0.05	0	13492	63412.65	225700	172340	6-Nov-18								
74	OPTIDX	BANKNIFT	6-Nov-18	23600	PE	0.15	0.15	0.05	0.05	0	102	481.44	5260	0	6-Nov-18								
75	OPTIDX	BANKNIFT	6-Nov-18	23700	PE	0.1	0.1	0.1	0.1	0	30	142.2	3440	480	6-Nov-18								
76	OPTIDX	BANKNIFT	6-Nov-18	23800	PE	0.1	0.3	0.05	0.1	0	108	514.08	15280	120	6-Nov-18								
77	OPTIDX	BANKNIFT	6-Nov-18	23900	PE	0.15	0.35	0.05	0.05	0	223	1065.94	12340	0	6-Nov-18								
78	OPTIDX	BANKNIFT	6-Nov-18	24000	PE	0.15	0.15	0.05	0.05	0	6938	33302.5	231720	10020	6-Nov-18								
79	OPTIDX	BANKNIFT	6-Nov-18	24100	PE	0.1	0.1	0.05	0.05	0	929	4477.78	45460	-120	6-Nov-18								
80	OPTIDX	BANKNIFT	6-Nov-18	24200	PE	0.1	0.15	0.05	0.05	0	289	1398.76	22160	-820	6-Nov-18								
81	OPTIDX	BANKNIFT	6-Nov-18	24300	PE	0.1	0.1	0.05	0.05	0	501	2434.86	39960	-2220	6-Nov-18								
82	OPTIDX	BANKNIFT	6-Nov-18	24400	PE	0.2	0.2	0.05	0.05	0	2773	13532.29	85420	-5800	6-Nov-18								
83	OPTIDX	BANKNIFT	6-Nov-18	24500	PE	0.2	0.2	0.05	0.05	0	11513	56413.89	357100	-45660	6-Nov-18								
84	OPTIDX	BANKNIFT	6-Nov-18	24600	PE	0.15	0.45	0.05	0.05	0	5902	29037.96	100060	-3300	6-Nov-18								
85	OPTIDX	BANKNIFT	6-Nov-18	24700	PE	0.5	0.5	0.05	0.05	0	5871	29002.85	114380	-17260	6-Nov-18								
86	OPTIDX	BANKNIFT	6-Nov-18	24800	PE	0.7	0.7	0.05	0.05	0	11704	58052.12	154960	-60	6-Nov-18								
87	OPTIDX	BANKNIFT	6-Nov-18	24900	PE	0.35	0.85	0.05	0.05	0	15485	77115.81	199800	-14880	6-Nov-18								
88	OPTIDX	BANKNIFT	6-Nov-18	25000	PE	0.6	0.95	0.05	0.05	0	67187	335937.6	758760	-72280	6-Nov-18								
89	OPTIDX	BANKNIFT	6-Nov-18	25100	PE	0.65	1.45	0.05	0.05	0	57057	286429.1	400940	-139600	6-Nov-18								
90	OPTIDX	BANKNIFT	6-Nov-18	25200	PE	1.85	2.25	0.05	0.1	0	140011	705666.5	417520	-95860	6-Nov-18								
91	OPTIDX	BANKNIFT	6-Nov-18	25300	PE	4.8	5.9	0.05	0.1	0	538213	2723432	538900	17040	6-Nov-18								
92	OPTIDX	BANKNIFT	6-Nov-18	25400	PE	6.3	13.6	0.05	0.2	0	969545	4925641	1179660	408540	6-Nov-18								
93	OPTIDX	BANKNIFT	6-Nov-18	25500	PE	8	27.8	0.05	0.4	0	1876693	9572909	1508500	549140	6-Nov-18								
94	OPTIDX	BANKNIFT	6-Nov-18	25600	PE	19.6	61.5	0.3	4.6	0	2763089	14154769	450720	-102340	6-Nov-18								
95	OPTIDX	BANKNIFT	6-Nov-18	25700	PE	48.1	134.45	5.05	80.65	0	2157747	11107439	26280	-310720	6-Nov-18								
96	OPTIDX	BANKNIFT	6-Nov-18	25800	PE	93.05	336.4	10.5	170.55	0	1211030	6702030	8030	-113500	6-Nov-18								

Each SYMBOL has two types  
"CE" and "PE"



# About DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRUMENT	SYMBOL	EXPIRY_DT	STRIKE_PRICE	OPTION_TYPE	OPEN	HIGH	LOW	CLOSE	SETTLE_PRICE	CONTRACT_SIZE	VAL_INLA	OPEN_INT	CHG_IN_C	TIMESTAMP								
2	OPTIDX	BANKNIFT	6-Nov-18	22800	CE	0	0	0	1865.7	0	0	0	0	0	6-Nov-18								
3	OPTIDX	BANKNIFT	6-Nov-18	22900	CE	0	0	0	1779.55	0	0	0	0	0	6-Nov-18								
4	OPTIDX	BANKNIFT	6-Nov-18	23000	CE	2922.25	2922.25	2922.25	2922.25	0	1	5.18	0	-20	6-Nov-18								
5	OPTIDX	BANKNIFT	6-Nov-18	23100	CE	0	0	0	1611.85	0	0	0	0	0	6-Nov-18								
6	OPTIDX	BANKNIFT	6-Nov-18	23200	CE	0	0	0	1878.7	0	0	0	0	0	6-Nov-18								
7	OPTIDX	BANKNIFT	6-Nov-18	23300	CE	0	0	0	1793.6	0	0	0	0	0	6-Nov-18								
8	OPTIDX	BANKNIFT	6-Nov-18	23400	CE	0	0	0	1957.95	0	0	0	0	0	6-Nov-18								
9	OPTIDX	BANKNIFT	6-Nov-18	23500	CE	0	0	0	1877.95	0	0	0	0	0	6-Nov-18								
10	OPTIDX	BANKNIFT	6-Nov-18	23600	CE	0	0	0	1799.4	0	0	0	0	0	6-Nov-18								
11	OPTIDX	BANKNIFT	6-Nov-18	23700	CE	0	0	0	2056.95	0	0	0	0	0	6-Nov-18								
12	OPTIDX	BANKNIFT	6-Nov-18	23800	CE	0	0	0	1647.05	0	0	0	0	0	6-Nov-18								
13	OPTIDX	BANKNIFT	6-Nov-18	23900	CE	1836.9	1836.9	1836.9	1836.9	0	1	5.14	20	0	6-Nov-18								
14	OPTIDX	BANKNIFT	6-Nov-18	24000	CE	1776.15	1838.15	1495.05	1608.55	0	79	405.45	460	-440	6-Nov-18								
15	OPTIDX	BANKNIFT	6-Nov-18	24100	CE	1620.45	1620.45	1473.35	1508.3	0	3	15.38	40	-20	6-Nov-18								
16	OPTIDX	BANKNIFT	6-Nov-18	24200	CE	0	0	0	1715.85	0	0	0	0	0	6-Nov-18								
17	OPTIDX	BANKNIFT	6-Nov-18	24300	CE	1545.65	1634.35	1313.7	1315.5	0	14	71.98	20	-120	6-Nov-18								
18	OPTIDX	BANKNIFT	6-Nov-18	24400	CE	1401	1428.25	1189.9	1189.9	0	24	123.47	20	-280	6-Nov-18								
19	OPTIDX	BANKNIFT	6-Nov-18	24500	CE	1336.7	1342.7	1054.95	1087	0	1251	6429.98	860	-14300	6-Nov-18								
20	OPTIDX	BANKNIFT	6-Nov-18	24600	CE	1213.65	1246.1	972.05	985.9	0	356	1829.87	340	-3420	6-Nov-18								
21	OPTIDX	BANKNIFT	6-Nov-18	24700	CE	1115.3	1141	855.05	897.2	0	526	2704.74	780	-5060	6-Nov-18								
22	OPTIDX	BANKNIFT	6-Nov-18	24800	CE	973.6	1039.65	758	785.65	0	493	2537.96	260	-4940	6-Nov-18								
23	OPTIDX	BANKNIFT	6-Nov-18	24900	CE	862.4	940	663.55	675.85	0	388	1997.23	680	-2220	6-Nov-18								
24	OPTIDX	BANKNIFT	6-Nov-18	25000	CE	523.25	847.4	523.25	593.6	0	7360	37870.14	1540	-62860	6-Nov-18								
25	OPTIDX	BANKNIFT	6-Nov-18	25100	CE	671.75	743.3	452.7	481.45	0	3946	20291.17	900	-23500	6-Nov-18								
26	OPTIDX	BANKNIFT	6-Nov-18	25200	CE	553.65	648.85	345	382.7	0	5020	25815.76	1140	-28020	6-Nov-18								
27	OPTIDX	BANKNIFT	6-Nov-18	25300	CE	588.6	588.6	250.6	295	0	7202	37014.95	800	-31600	6-Nov-18								
28	OPTIDX	BANKNIFT	6-Nov-18	25400	CE	375.15	453.15	151.5	191.15	0	31522	161770.2	1260	-63240	6-Nov-18								
29	OPTIDX	BANKNIFT	6-Nov-18	25500	CE	252	356	62.4	87.45	0	259830	1331798	10100	-200940	6-Nov-18								
30	OPTIDX	BANKNIFT	6-Nov-18	25600	CE	181.2	265	0.05	6.5	0	1446094	7412869	613600	478700	6-Nov-18								

And other Stock Data with  
TIMESTAMP





LET US SEE HOW DATA IS CAPTURED

# DATA CAPTURE

## DATA Captured for Each SYMBOL and Each TYPE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
1					CE												PE				
2	SYMBOL	Max in Column N	Corrensponding Value in Column K	Corrensponding Value in Column D	Min in Column N	K	D	Sum N	Max M	K	Sum M	Max N	K	D	Min N	K	D	Sum N	Max M	K	S
3	BANKNIFTY	965340	1791715	25700	-200940	259830	25500	6399700	1804080	1818072	14714960	549140	1876693	25500	-310720	2157747	25700	1857800	1508500	1876693	12
4	NIFTY	604125	98856	10700	-97500	44378	10500	2132850	2762550	66537	43038025	300750	23970	9800	-160875	5182	9300	1476975	4988625	45807	66
5	NIFTYIT	0	0	12200	0	0	12200	0	100	0	250	0	0	12200	0	0	12200	0	100	0	
6	NIFTYMID	0	0	3200	0	0	3200	0	0	0	0	0	0	3200	0	0	3200	0	0	0	
7	ACC	10800	96	1460	-800	6	1520	23200	60400	317	196400	1600	42	1440	-2000	48	1400	1600	66800	5	
8	ADANIENT	256000	212	170	-92000	105	190	136000	1180000	105	4748000	24000	23	140	-20000	23	170	52000	532000	110	2
9	ADANIPO	50000	207	340	-92500	211	330	55000	297500	87	1777500	10000	24	310	-35000	114	300	-32500	262500	114	1
10	ADANIPOV	100000	42	55	-20000	2	56	220000	3020000	25	7080000	240000	24	40	-40000	2	37.5	400000	2500000	24	16
11	AJANTPHA	2000	5	1040	-500	3	1140	4500	16500	5	43500	2000	7	1040	0	0	780	5000	16000	2	
12	ALBK	33000	6	50	-22000	28	45	0	605000	28	2497000	33000	3	46	-132000	33	40	-99000	539000	33	2
13	AMARAJAE	2800	12	860	-9100	38	820	-5600	48300	50	168700	4200	8	720	0	0	520	4900	33600	6	
14	AMBUJACI	17500	85	220	-40000	65	215	-50000	427500	85	2017500	17500	56	200	-47500	86	205	-72500	235000	56	1
15	APOLLOHC	3000	78	1200	-5000	23	1160	2500	33500	78	99500	5000	66	1100	-12000	49	1080	-4500	13000	66	
16	APOLLLOTY	39000	25	250	-54000	177	220	3000	363000	25	1770000	9000	14	195	-195000	112	220	-189000	639000	66	2
17	ARVIND	116000	275	340	-32000	46	370	228000	678000	209	3620000	4000	6	280	-30000	119	320	-72000	284000	161	1
18	ASHOKLEY	96000	32	150	-116000	836	120	132000	2356000	564	11820000	64000	240	110	-140000	367	115	-80000	1272000	76	6
19	ASIANPAIN	8400	28	1400	-3000	10	1220	34800	114600	157	557400	3000	29	1180	-9000	67	1160	-18600	99000	147	
20	AUROPHA	24000	360	840	-11000	11	740	43000	310000	558	1591000	19000	204	780	-6000	183	760	23000	184000	42	1
21	AXISBANK	372000	1142	600	-56400	131	720	1302000	1598400	1142	10779600	300000	3148	600	-79200	581	550	132000	1942800	182	8
22	BAJAJ-AUT	5000	63	3000	-3000	54	2900	2250	64750	63	355750	2250	174	2650	-2750	147	2500	750	110250	0	
23	BAJAJFINS	1250	12	6200	-1125	43	5800	-625	9500	44	50625	625	10	5000	-875	12	5400	250	9125	10	
24	BAJFINANC	79000	703	2600	-4000	72	2300	95000	320250	1099	1532000	2250	200	2350	-5250	128	2000	-9250	331000	128	1
25	BALKRISIN	214400	694	1000	-11200	226	1150	668800	216800	694	1053600	84800	639	900	-6400	16	1140	172000	100000	639	
26	BANKBARC	112000	563	115	-72000	252	130	-12000	4220000	581	18980000	40000	397	110	-312000	395	100	-608000	1976000	395	11
27	BANKINDIA	276000	162	90	-6000	2	82.5	522000	1440000	162	5358000	30000	37	85	-12000	2	60	24000	552000	22	2
28	BATAINDIA	63800	721	1100	-19800	301	1060	61050	165550	721	947100	9350	106	960	-4950	132	980	17600	75900	85	
29	BE	158400	54	140	-8000	3	85	168000	2838400	174	8338000	54450	74	80	-28700	7	75	28600	737150	74	2

# DATA CAPTURE

## CAPTURE 1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
1	SYMBOL	CE										PE									
2		Max in Column N	Corrensponding Value in Column K	Corrensponding Value in Column D	Min in Column N	K	D	Sum N	Max M	K	Sum M	Max N	K	D	Min N	K	D	Sum N	Max M	K	S
3		BANKNIF	965340	1791715	25700	-200940	259830	25500	6399700	1804080	1818072	14714960	549140	1876693	25500	-310720	2157747	25700	1857800	1508500	1876693
4	NIFTY	604125	98856	10700	-97500	44378	10500	2132850	2762550	66537	43038025	300750	23970	9800	-160875	5182	9300	1476975	4988625	45807	66
5	NIFTYIT	0	0	12200	0	0	12200	0	100	0	250	0	0	12200	0	0	12200	0	100	0	
6	NIFTYMID	0	0	3200	0	0	3200	0	0	0	0	0	0	3200	0	0	3200	0	0	0	
7	ACC	10800	96	1460	-800	6	1520	23200	60400	317	196400	1600	42	1440	-2000	48	1400	1600	66800	5	
8	ADANIENT	256000	212	170	-92000	105	190	136000	1180000	105	4748000	24000	23	140	-20000	23	170	52000	532000	110	2
9	ADANIPOF	50000	207	340	-92500	211	330	55000	297500	87	1777500	10000	24	310	-35000	114	300	-32500	262500	114	1
10	ADANIPOV	100000	42	55	-20000	2	56	220000	3020000	25	7080000	240000	24	40	-40000	2	37.5	400000	2500000	24	16
11	AJANTPHA	2000	5	1040	-500	3	1140	4500	16500	5	43500	2000	7	1040	0	0	780	5000	16000	2	
12	ALBK	33000	6	50	-22000	28	45	0	605000	28	2497000	33000	3	46	-132000	33	40	-99000	539000	33	2
13	AMARAJAE	2800	12	860	-9100	38	820	-5600	48300	50	168700	4200	8	720	0	0	520	4900	33600	6	
14	AMBUJACI	17500	85	220	-40000	65	215	-50000	427500	85	2017500	17500	56	200	-47500	86	205	-72500	235000	56	1
15	APOLLOHC	3000	78	1200	-5000	23	1160	2500	33500	78	99500	5000	66	1100	-12000	49	1080	-4500	13000	66	
16	APOLLLOTY	39000	25	250	-54000	177	220	3000	363000	25	1770000	9000	14	195	-195000	112	220	-189000	639000	66	2
17	ARVIND	116000	275	340	-32000	46	370	228000	678000	209	3620000	4000	6	280	-30000	119	320	-72000	284000	161	1
18	ASHOKLEY	96000	32	150	-116000	836	120	132000	2356000	564	11820000	64000	240	110	-140000	367	115	-80000	1272000	76	6
19	ASIANPAIN	8400	28	1400	-3000	10	1220	34800	114600	157	557400	3000	29	1180	-9000	67	1160	-18600	99000	147	
20	AUROPHA	24000	360	840	-11000	11	740	43000	310000	558	1591000	19000	204	780	-6000	183	760	23000	184000	42	1
21	AXISBANK	372000	1142	600	-56400	131	720	1302000	1598400	1142	10779600	300000	3148	600	-79200	581	550	132000	1942800	182	8
22	BAJAJ-AUT	5000	63	3000	-3000	54	2900	2250	64750	63	355750	2250	174	2650	-2750	147	2500	750	110250	0	
23	BAJAJFINS	1250	12	6200	-1125	43	5800	-625	9500	44	50625	625	10	5000	-875	12	5400	250	9125	10	
24	BAJFINANC	79000	703	2600	-4000	72	2300	95000	320250	1099	1532000	2250	200	2350	-5250	128	2000	-9250	331000	128	1
25	BALKRISIN	214400	694	1000	-11200	226	1150	668800	216800	694	1053600	84800	639	900	-6400	16	1140	172000	100000	639	
26	BANKBARC	112000	563	115	-72000	252	130	-12000	4220000	581	18980000	40000	397	110	-312000	395	100	-608000	1976000	395	11
27	BANKINDIA	276000	162	90	-6000	2	82.5	522000	1440000	162	5358000	30000	37	85	-12000	2	60	24000	552000	22	2
28	BATAINDIA	63800	721	1100	-19800	301	1060	61050	165550	721	947100	9350	106	960	-4950	132	980	17600	75900	85	
29	BSL	158400	54	110	-8800	3	85	168800	2838400	174	8338800	54450	74	80	-28700	7	75	28600	333150	74	2

# DATA CAPTURE

## CAPTURE 1 in DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRUMENT	SYMBOL	EXPIRY_DT	STRIKE_PRICE	OPTION_T	OPEN	HIGH	LOW	CLOSE	SETTLE_PRICE	CONTRACT	VAL_INLA	OPEN_INT	CHG_IN_C	TIMESTAMP								
29	OPTIDX	BANKNIFT	6-Nov-18	25500	CE	252	356	62.4	87.45	0	259830	1331798	10100	-200940	6-Nov-18								
30	OPTIDX	BANKNIFT	6-Nov-18	25600	CE	181.2	265	0.05	6.5	0	1446094	7412869	613600	478700	6-Nov-18								
31	OPTIDX	BANKNIFT	6-Nov-18	25700	CE	114	180.25	0.05	0.65	0	1791715	9219120	1306560	965340	6-Nov-18								
32	OPTIDX	BANKNIFT	6-Nov-18	25800	CE	63.9	109.35	0.05	0.2	0	2064611	10665901	1344520	843160	6-Nov-18								
33	OPTIDX	BANKNIFT	6-Nov-18	25900	CE	43.4	60.2	0.05	0.1	0	1917098	9937151	1067860	628700	6-Nov-18								
34	OPTIDX	BANKNIFT	6-Nov-18	26000	CE	24.95	26.75	0.05	0.1	0	1818072	9456398	1804080	799960	6-Nov-18								
35	OPTIDX	BANKNIFT	6-Nov-18	26100	CE	4.35	8.4	0.05	0.1	0	1102737	5756717	986080	260740	6-Nov-18								
36	OPTIDX	BANKNIFT	6-Nov-18	26200	CE	0.7	2.9	0.05	0.05	0	1116574	5850958	847620	435240	6-Nov-18								
37	OPTIDX	BANKNIFT	6-Nov-18	26300	CE	0.8	0.8	0.05	0.05	0	305482	1606851	482500	254700	6-Nov-18								
38	OPTIDX	BANKNIFT	6-Nov-18	26400	CE	0.7	0.7	0.05	0.05	0	44055	232611.8	143860	-6620	6-Nov-18								
39	OPTIDX	BANKNIFT	6-Nov-18	26500	CE	0.1	0.8	0.05	0.05	0	34070	180571.7	295740	-15440	6-Nov-18								
40	OPTIDX	BANKNIFT	6-Nov-18	26600	CE	0.1	0.3	0.05	0.05	0	3510	18673.25	33140	-12020	6-Nov-18								
41	OPTIDX	BANKNIFT	6-Nov-18	26700	CE	0.35	0.35	0.05	0.05	0	1632	8714.9	40840	5400	6-Nov-18								
42	OPTIDX	BANKNIFT	6-Nov-18	26800	CE	0.05	0.15	0.05	0.05	0	1170	6271.21	12040	-3640	6-Nov-18								
43	OPTIDX	BANKNIFT	6-Nov-18	26900	CE	0.05	0.1	0.05	0.05	0	750	4035.01	4780	600	6-Nov-18								
44	OPTIDX	BANKNIFT	6-Nov-18	27000	CE	0.1	0.15	0.05	0.05	0	9760	52704.14	134420	-5260	6-Nov-18								
45	OPTIDX	BANKNIFT	6-Nov-18	27100	CE	0.05	0.1	0.05	0.05	0	144	780.48	2020	1280	6-Nov-18								
46	OPTIDX	BANKNIFT	6-Nov-18	27200	CE	0	0	0	984	0	0	0	0	0	6-Nov-18								
47	OPTIDX	BANKNIFT	6-Nov-18	27300	CE	0	0	0	922.35	0	0	0	0	0	6-Nov-18								
48	OPTIDX	BANKNIFT	6-Nov-18	27400	CE	0	0	0	863.05	0	0	0	0	0	6-Nov-18								
49	OPTIDX	BANKNIFT	6-Nov-18	27500	CE	0.05	0.05	0.05	0.05	0	50	275	6440	-1000	6-Nov-18								
50	OPTIDX	BANKNIFT	6-Nov-18	27600	CE	0	0	0	751.65	0	0	0	0	0	6-Nov-18								
51	OPTIDX	BANKNIFT	6-Nov-18	27700	CE	0	0	0	699.6	0	0	0	0	0	6-Nov-18								
52	OPTIDX	BANKNIFT	6-Nov-18	27800	CE	0	0	0	649.8	0	0	0	0	0	6-Nov-18								
53	OPTIDX	BANKNIFT	6-Nov-18	27900	CE	0	0	0	602.55	0	0	0	0	0	6-Nov-18								
54	OPTIDX	BANKNIFT	6-Nov-18	28000	CE	0	0	0	557.65	0	0	0	0	0	6-Nov-18								
55	OPTIDX	BANKNIFT	6-Nov-18	28100	CE	0	0	0	515.15	0	0	0	0	0	6-Nov-18								
56	OPTIDX	BANKNIFT	6-Nov-18	28200	CE	0	0	0	474.95	0	0	0	0	0	6-Nov-18								
57	OPTIDX	BANKNIFT	6-Nov-18	28300	CE	0.05	0.05	0.05	0.05	0	5	28.3	1620	0	6-Nov-18								
58	OPTIDX	BANKNIFT	6-Nov-18	28400	CE	0	0	0	401.45	0	0	0	0	0	6-Nov-18								

# DATA CAPTURE

## CAPTURE 2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
1	SYMBOL	CE										PE									
2		Max in Column N	Corrensponding Value in Column K	Corrensponding Value in Column D	Min in Column N	K	D	Sum N	Max M	K	Sum M	Max N	K	D	Min N	K	D	Sum N	Max M	K	S
3	BANKNIFTY	965340	1791715	25700	-200940	259830	25500	6399700	1804080	1818072	14714960	549140	1876693	25500	-310720	2157747	25700	1857800	1508500	1876693	12
4	NIFTY	604125	98856	10700	-97500	44378	10500	2132850	2762550	66537	43038025	300750	23970	9800	-160875	5182	9300	1476975	4988625	45807	66
5	NIFTYTIT	0	0	12200	0	0	12200	0	100	0	250	0	0	12200	0	0	12200	0	100	0	
6	NIFTYMID	0	0	3200	0	0	3200	0	0	0	0	0	0	3200	0	0	3200	0	0	0	
7	ACC	10800	96	1460	-800	6	1520	23200	60400	317	196400	1600	42	1440	-2000	48	1400	1600	66800	5	
8	ADANIENT	256000	212	170	-92000	105	190	136000	1180000	105	4748000	24000	23	140	-20000	23	170	52000	532000	110	2
9	ADANIPOR	50000	207	340	-92500	211	330	55000	297500	87	1777500	10000	24	310	-35000	114	300	-32500	262500	114	1
10	ADANIPOV	100000	42	55	-20000	2	56	220000	3020000	25	7080000	240000	24	40	-40000	2	37.5	400000	2500000	24	16
11	AJANTPHA	2000	5	1040	-500	3	1140	4500	16500	5	43500	2000	7	1040	0	0	780	5000	16000	2	
12	ALBK	33000	6	50	-22000	28	45	0	605000	28	2497000	33000	3	46	-132000	33	40	-99000	539000	33	2
13	AMARAJAE	2800	12	860	-9100	38	820	-5600	48300	50	168700	4200	8	720	0	0	520	4900	33600	6	
14	AMBUJACI	17500	85	220	-40000	65	215	-50000	427500	85	2017500	17500	56	200	-47500	86	205	-72500	235000	56	1
15	APOLLOHC	3000	78	1200	-5000	23	1160	2500	33500	78	99500	5000	66	1100	-12000	49	1080	-4500	13000	66	
16	APOLLOTY	39000	25	250	-54000	177	220	3000	363000	25	1770000	9000	14	195	-195000	112	220	-189000	639000	66	2
17	ARVIND	116000	275	340	-32000	46	370	228000	678000	209	3620000	4000	6	280	-30000	119	320	-72000	284000	161	1
18	ASHOKLEY	96000	32	150	-116000	836	120	132000	2356000	564	11820000	64000	240	110	-140000	367	115	-80000	1272000	76	6
19	ASIANPAIN	8400	28	1400	-3000	10	1220	34800	114600	157	557400	3000	29	1180	-9000	67	1160	-18600	99000	147	
20	AUROPHA	24000	360	840	-11000	11	740	43000	310000	558	1591000	19000	204	780	-6000	183	760	23000	184000	42	1
21	AXISBANK	372000	1142	600	-56400	131	720	1302000	1598400	1142	10779600	300000	3148	600	-79200	581	550	132000	1942800	182	8
22	BAJAJ-AUT	5000	63	3000	-3000	54	2900	2250	64750	63	355750	2250	174	2650	-2750	147	2500	750	110250	0	
23	BAJAJFINS	1250	12	6200	-1125	43	5800	-625	9500	44	50625	625	10	5000	-875	12	5400	250	9125	10	
24	BAJFINANC	79000	703	2600	-4000	72	2300	95000	320250	1099	1532000	2250	200	2350	-5250	128	2000	-9250	331000	128	1
25	BALKRISIN	214400	694	1000	-11200	226	1150	668800	216800	694	1053600	84800	639	900	-6400	16	1140	172000	100000	639	
26	BANKBARC	112000	563	115	-72000	252	130	-12000	4220000	581	18980000	40000	397	110	-312000	395	100	-608000	1976000	395	11
27	BANKINDIA	276000	162	90	-6000	2	82.5	522000	1440000	162	5358000	30000	37	85	-12000	2	60	24000	552000	22	2
28	BATAINDIA	63800	721	1100	-19800	301	1060	61050	165550	721	947100	9350	106	960	-4950	132	980	17600	75900	85	
29	BE	158400	54	110	-8800	3	85	168300	2838400	171	8338050	54450	71	80	-28700	7	75	38600	773150	71	8



# DATA CAPTURE

## CAPTURE 2 in DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRUMENT	SYMBOL	EXPIRY_DT	STRIKE_PRICE	OPTION_T	OPEN	HIGH	LOW	CLOSE	SETTLE_PRICE	CONTRACT	VAL_INLA	OPEN_INT	CHG_IN_C	TIMESTAMP								
23	OPTIDX	BANKNIFT	6-Nov-18	24900	CE	862.4	940	663.55	675.85	0	388	1997.23	680	-2220	6-Nov-18								
24	OPTIDX	BANKNIFT	6-Nov-18	25000	CE	523.25	847.4	523.25	593.6	0	7360	37870.14	1540	-62860	6-Nov-18								
25	OPTIDX	BANKNIFT	6-Nov-18	25100	CE	671.75	743.3	452.7	481.45	0	3946	20291.17	900	-23500	6-Nov-18								
26	OPTIDX	BANKNIFT	6-Nov-18	25200	CE	553.65	648.85	345	382.7	0	5020	25815.76	1140	-28020	6-Nov-18								
27	OPTIDX	BANKNIFT	6-Nov-18	25300	CE	588.6	588.6	250.6	295	0	7202	37014.95	800	-31600	6-Nov-18								
28	OPTIDX	BANKNIFT	6-Nov-18	25400	CE	375.15	453.15	151.5	191.15	0	31522	161770.2	1260	-63240	6-Nov-18								
29	OPTIDX	BANKNIFT	6-Nov-18	25500	CE	252	356	62.4	87.45	0	259830	1331798	10100	-200940	6-Nov-18								
30	OPTIDX	BANKNIFT	6-Nov-18	25600	CE	181.2	265	0.05	6.5	0	1446094	7412869	613600	478700	6-Nov-18								
31	OPTIDX	BANKNIFT	6-Nov-18	25700	CE	114	180.25	0.05	0.65	0	1791715	9219120	1306560	965340	6-Nov-18								
32	OPTIDX	BANKNIFT	6-Nov-18	25800	CE	63.9	109.35	0.05	0.2	0	2064611	10665901	1344520	843160	6-Nov-18								
33	OPTIDX	BANKNIFT	6-Nov-18	25900	CE	43.4	60.2	0.05	0.1	0	1917098	9937151	1067860	628700	6-Nov-18								
34	OPTIDX	BANKNIFT	6-Nov-18	26000	CE	24.95	26.75	0.05	0.1	0	1818072	9456398	1804080	799960	6-Nov-18								
35	OPTIDX	BANKNIFT	6-Nov-18	26100	CE	4.35	8.4	0.05	0.1	0	1102737	5756717	986080	260740	6-Nov-18								
36	OPTIDX	BANKNIFT	6-Nov-18	26200	CE	0.7	2.9	0.05	0.05	0	1116574	5850958	847620	435240	6-Nov-18								
37	OPTIDX	BANKNIFT	6-Nov-18	26300	CE	0.8	0.8	0.05	0.05	0	305482	1606851	482500	254700	6-Nov-18								
38	OPTIDX	BANKNIFT	6-Nov-18	26400	CE	0.7	0.7	0.05	0.05	0	44055	232611.8	143860	-6620	6-Nov-18								
39	OPTIDX	BANKNIFT	6-Nov-18	26500	CE	0.1	0.8	0.05	0.05	0	34070	180571.7	295740	-15440	6-Nov-18								
40	OPTIDX	BANKNIFT	6-Nov-18	26600	CE	0.1	0.3	0.05	0.05	0	3510	18673.25	33140	-12020	6-Nov-18								
41	OPTIDX	BANKNIFT	6-Nov-18	26700	CE	0.35	0.35	0.05	0.05	0	1632	8714.9	40840	5400	6-Nov-18								
42	OPTIDX	BANKNIFT	6-Nov-18	26800	CE	0.05	0.15	0.05	0.05	0	1170	6271.21	12040	-3640	6-Nov-18								
43	OPTIDX	BANKNIFT	6-Nov-18	26900	CE	0.05	0.1	0.05	0.05	0	750	4035.01	4780	600	6-Nov-18								
44	OPTIDX	BANKNIFT	6-Nov-18	27000	CE	0.1	0.15	0.05	0.05	0	9760	52704.14	134420	-5260	6-Nov-18								
45	OPTIDX	BANKNIFT	6-Nov-18	27100	CE	0.05	0.1	0.05	0.05	0	144	780.48	2020	1280	6-Nov-18								
46	OPTIDX	BANKNIFT	6-Nov-18	27200	CE	0	0	0	984	0	0	0	0	0	6-Nov-18								
47	OPTIDX	BANKNIFT	6-Nov-18	27300	CE	0	0	0	922.35	0	0	0	0	0	6-Nov-18								
48	OPTIDX	BANKNIFT	6-Nov-18	27400	CE	0	0	0	863.05	0	0	0	0	0	6-Nov-18								
49	OPTIDX	BANKNIFT	6-Nov-18	27500	CE	0.05	0.05	0.05	0.05	0	50	275	6440	-1000	6-Nov-18								
50	OPTIDX	BANKNIFT	6-Nov-18	27600	CE	0	0	0	751.65	0	0	0	0	0	6-Nov-18								
51	OPTIDX	BANKNIFT	6-Nov-18	27700	CE	0	0	0	699.6	0	0	0	0	0	6-Nov-18								
52	OPTIDX	BANKNIFT	6-Nov-18	27800	CE	0	0	0	649.8	0	0	0	0	0	6-Nov-18								



# DATA CAPTURE

## CAPTURE 3

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
1	SYMBOL	CE										PE									
2		Max in Column N	Corrensponding Value in Column K	Corrensponding Value in Column D	Min in Column N	K	D	Sum N	Max M	K	Sum M	Max N	K	D	Min N	K	D	Sum N	Max M	K	S
3	BANKNIFTY	965340	1791715	25700	-200940	259830	25500	6399700	1804080	1818072	14714960	549140	1876693	25500	-310720	2157747	25700	1857800	1508500	1876693	12
4	NIFTY	604125	98856	10700	-97500	44378	10500	2132850	2762550	66537	43038025	300750	23970	9800	-160875	5182	9300	1476975	4988625	45807	66
5	NIFTYTIT	0	0	12200	0	0	12200	0	100	0	250	0	0	12200	0	0	12200	0	100	0	
6	NIFTYMID	0	0	3200	0	0	3200	0	0	0	0	0	0	3200	0	0	3200	0	0	0	
7	ACC	10800	96	1460	-800	6	1520	23200	60400	317	196400	1600	42	1440	-2000	48	1400	1600	66800	5	
8	ADANIENT	256000	212	170	-92000	105	190	136000	1180000	105	4748000	24000	23	140	-20000	23	170	52000	532000	110	2
9	ADANIPOR	50000	207	340	-92500	211	330	55000	297500	87	1777500	10000	24	310	-35000	114	300	-32500	262500	114	1
10	ADANIPOV	100000	42	55	-20000	2	56	220000	3020000	25	7080000	240000	24	40	-40000	2	37.5	400000	2500000	24	16
11	AJANTPHA	2000	5	1040	-500	3	1140	4500	16500	5	43500	2000	7	1040	0	0	780	5000	16000	2	
12	ALBK	33000	6	50	-22000	28	45	0	605000	28	2497000	33000	3	46	-132000	33	40	-99000	539000	33	2
13	AMARAJAE	2800	12	860	-9100	38	820	-5600	48300	50	168700	4200	8	720	0	0	520	4900	33600	6	
14	AMBUJACI	17500	85	220	-40000	65	215	-50000	427500	85	2017500	17500	56	200	-47500	86	205	-72500	235000	56	1
15	APOLLOHC	3000	78	1200	-5000	23	1160	2500	33500	78	99500	5000	66	1100	-12000	49	1080	-4500	13000	66	
16	APOLLOTY	39000	25	250	-54000	177	220	3000	363000	25	1770000	9000	14	195	-195000	112	220	-189000	639000	66	2
17	ARVIND	116000	275	340	-32000	46	370	228000	678000	209	3620000	4000	6	280	-30000	119	320	-72000	284000	161	1
18	ASHOKLEY	96000	32	150	-116000	836	120	132000	2356000	564	11820000	64000	240	110	-140000	367	115	-80000	1272000	76	6
19	ASIANPAIN	8400	28	1400	-3000	10	1220	34800	114600	157	557400	3000	29	1180	-9000	67	1160	-18600	99000	147	
20	AUROPHA	24000	360	840	-11000	11	740	43000	310000	558	1591000	19000	204	780	-6000	183	760	23000	184000	42	1
21	AXISBANK	372000	1142	600	-56400	131	720	1302000	1598400	1142	10779600	300000	3148	600	-79200	581	550	132000	1942800	182	8
22	BAJAJ-AUT	5000	63	3000	-3000	54	2900	2250	64750	63	355750	2250	174	2650	-2750	147	2500	750	110250	0	
23	BAJAJFINS	1250	12	6200	-1125	43	5800	-625	9500	44	50625	625	10	5000	-875	12	5400	250	9125	10	
24	BAJFINANC	79000	703	2600	-4000	72	2300	95000	320250	1099	1532000	2250	200	2350	-5250	128	2000	-9250	331000	128	1
25	BALKRISIN	214400	694	1000	-11200	226	1150	668800	216800	694	1053600	84800	639	900	-6400	16	1140	172000	100000	639	
26	BANKBARC	112000	563	115	-72000	252	130	-12000	4220000	581	18980000	40000	397	110	-312000	395	100	-608000	1976000	395	11
27	BANKINDIA	276000	162	90	-6000	2	82.5	522000	1440000	162	5358000	30000	37	85	-12000	2	60	24000	552000	22	2
28	BATAINDIA	63800	721	1100	-19800	301	1060	61050	165550	721	947100	9350	106	960	-4950	132	980	17600	75900	85	
29	BE	158400	54	110	-8800	3	85	168300	2838400	171	8338050	54450	71	80	-28700	7	75	38600	773150	71	8

# DATA CAPTURE

## CAPTURE 3 in DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRUM	SYMBOL	EXPIRY_D	STRIKE_PR	OPTION_T	OPEN	HIGH	LOW	CLOSE	SETTLE_PF	CONTRAC	VAL_INLA	OPEN_INT	CHG_IN_C	TIMESTAMP								
23	OPTIDX	BANKNIFT	6-Nov-18	24900	CE	862.4	940	663.55	675.85	0	388	1997.23	680	-2220	6-Nov-18								
24	OPTIDX	BANKNIFT	6-Nov-18	25000	CE	523.25	847.4	523.25	593.6	0	7360	37870.14	1540	-62860	6-Nov-18								
25	OPTIDX	BANKNIFT	6-Nov-18	25100	CE	671.75	743.3	452.7	481.45	0	3946	20291.17	900	-23500	6-Nov-18								
26	OPTIDX	BANKNIFT	6-Nov-18	25200	CE	553.65	648.85	345	382.7	0	5020	25815.76	1140	-28020	6-Nov-18								
27	OPTIDX	BANKNIFT	6-Nov-18	25300	CE	588.6	588.6	250.6	295	0	7202	37014.95	800	-31600	6-Nov-18								
28	OPTIDX	BANKNIFT	6-Nov-18	25400	CE	375.15	453.15	151.5	191.15	0	31522	161770.2	1260	-63240	6-Nov-18								
29	OPTIDX	BANKNIFT	6-Nov-18	25500	CE	252	356	62.4	87.45	0	259830	1331798	10100	-200940	6-Nov-18								
30	OPTIDX	BANKNIFT	6-Nov-18	25600	CE	181.2	265	0.05	6.5	0	1446094	7412869	613600	478700	6-Nov-18								
31	OPTIDX	BANKNIFT	6-Nov-18	25700	CE	114	180.25	0.05	0.65	0	1791715	9219120	1306560	965340	6-Nov-18								
32	OPTIDX	BANKNIFT	6-Nov-18	25800	CE	63.9	109.35	0.05	0.2	0	2064611	10665901	1344520	843160	6-Nov-18								
33	OPTIDX	BANKNIFT	6-Nov-18	25900	CE	43.4	60.2	0.05	0.1	0	1917098	9937151	1067860	628700	6-Nov-18								
34	OPTIDX	BANKNIFT	6-Nov-18	26000	CE	24.95	26.75	0.05	0.1	0	1818072	9456398	1804080	799960	6-Nov-18								
35	OPTIDX	BANKNIFT	6-Nov-18	26100	CE	4.35	8.4	0.05	0.1	0	1102737	5756717	986080	260740	6-Nov-18								
36	OPTIDX	BANKNIFT	6-Nov-18	26200	CE	0.7	2.9	0.05	0.05	0	1116574	5850958	847620	435240	6-Nov-18								
37	OPTIDX	BANKNIFT	6-Nov-18	26300	CE	0.8	0.8	0.05	0.05	0	305482	1606851	482500	254700	6-Nov-18								
38	OPTIDX	BANKNIFT	6-Nov-18	26400	CE	0.7	0.7	0.05	0.05	0	44055	232611.8	143860	-6620	6-Nov-18								
39	OPTIDX	BANKNIFT	6-Nov-18	26500	CE	0.1	0.8	0.05	0.05	0	34070	180571.7	295740	-15440	6-Nov-18								
40	OPTIDX	BANKNIFT	6-Nov-18	26600	CE	0.1	0.3	0.05	0.05	0	3510	18673.25	33140	-12020	6-Nov-18								
41	OPTIDX	BANKNIFT	6-Nov-18	26700	CE	0.35	0.35	0.05	0.05	0	1632	8714.9	40840	5400	6-Nov-18								
42	OPTIDX	BANKNIFT	6-Nov-18	26800	CE	0.05	0.15	0.05	0.05	0	1170	6271.21	12040	-3640	6-Nov-18								
43	OPTIDX	BANKNIFT	6-Nov-18	26900	CE	0.05	0.1	0.05	0.05	0	750	4035.01	4780	600	6-Nov-18								
44	OPTIDX	BANKNIFT	6-Nov-18	27000	CE	0.1	0.15	0.05	0.05	0	9760	52704.14	134420	-5260	6-Nov-18								
45	OPTIDX	BANKNIFT	6-Nov-18	27100	CE	0.05	0.1	0.05	0.05	0	144	780.48	2020	1280	6-Nov-18								
46	OPTIDX	BANKNIFT	6-Nov-18	27200	CE	0	0	0	984	0	0	0	0	0	6-Nov-18								
47	OPTIDX	BANKNIFT	6-Nov-18	27300	CE	0	0	0	922.35	0	0	0	0	0	6-Nov-18								
48	OPTIDX	BANKNIFT	6-Nov-18	27400	CE	0	0	0	863.05	0	0	0	0	0	6-Nov-18								
49	OPTIDX	BANKNIFT	6-Nov-18	27500	CE	0.05	0.05	0.05	0.05	0	50	275	6440	-1000	6-Nov-18								
50	OPTIDX	BANKNIFT	6-Nov-18	27600	CE	0	0	0	751.65	0	0	0	0	0	6-Nov-18								
51	OPTIDX	BANKNIFT	6-Nov-18	27700	CE	0	0	0	699.6	0	0	0	0	0	6-Nov-18								
52	OPTIDX	BANKNIFT	6-Nov-18	27800	CE	0	0	0	640.8	0	0	0	0	0	6-Nov-18								

# DATA CAPTURE

## CAPTURE 4

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
1	SYMBOL	CE										PE									
2		Max in Column N	Corrensponding Value in Column K	Corrensponding Value in Column D	Min in Column N	K	D	Sum N	Max M	K	Sum M	Max N	K	D	Min N	K	D	Sum N	Max M	K	S
3	BANKNIFTY	965340	1791715	25700	-200940	259830	25500	6399700	1804080	1818072	14714960	549140	1876693	25500	-310720	2157747	25700	1857800	1508500	1876693	12
4	NIFTY	604125	98856	10700	-97500	44378	10500	2132850	2762550	66537	43038025	300750	23970	9800	-160875	5182	9300	1476975	4988625	45807	66
5	NIFTYTIT	0	0	12200	0	0	12200	0	100	0	250	0	0	12200	0	0	12200	0	100	0	
6	NIFTYMID	0	0	3200	0	0	3200	0	0	0	0	0	0	3200	0	0	3200	0	0	0	
7	ACC	10800	96	1460	-800	6	1520	23200	60400	317	196400	1600	42	1440	-2000	48	1400	1600	66800	5	
8	ADANIENT	256000	212	170	-92000	105	190	136000	1180000	105	4748000	24000	23	140	-20000	23	170	52000	532000	110	2
9	ADANIPOR	50000	207	340	-92500	211	330	55000	297500	87	1777500	10000	24	310	-35000	114	300	-32500	262500	114	1
10	ADANIPOV	100000	42	55	-20000	2	56	220000	3020000	25	7080000	240000	24	40	-40000	2	37.5	400000	2500000	24	16
11	AJANTPHA	2000	5	1040	-500	3	1140	4500	16500	5	43500	2000	7	1040	0	0	780	5000	16000	2	
12	ALBK	33000	6	50	-22000	28	45	0	605000	28	2497000	33000	3	46	-132000	33	40	-99000	539000	33	2
13	AMARAJAE	2800	12	860	-9100	38	820	-5600	48300	50	168700	4200	8	720	0	0	520	4900	33600	6	
14	AMBUJACI	17500	85	220	-40000	65	215	-50000	427500	85	2017500	17500	56	200	-47500	86	205	-72500	235000	56	1
15	APOLLOHC	3000	78	1200	-5000	23	1160	2500	33500	78	99500	5000	66	1100	-12000	49	1080	-4500	13000	66	
16	APOLLOTY	39000	25	250	-54000	177	220	3000	363000	25	1770000	9000	14	195	-195000	112	220	-189000	639000	66	2
17	ARVIND	116000	275	340	-32000	46	370	228000	678000	209	3620000	4000	6	280	-30000	119	320	-72000	284000	161	1
18	ASHOKLEY	96000	32	150	-116000	836	120	132000	2356000	564	11820000	64000	240	110	-140000	367	115	-80000	1272000	76	6
19	ASIANPAIN	8400	28	1400	-3000	10	1220	34800	114600	157	557400	3000	29	1180	-9000	67	1160	-18600	99000	147	
20	AUROPHA	24000	360	840	-11000	11	740	43000	310000	558	1591000	19000	204	780	-6000	183	760	23000	184000	42	1
21	AXISBANK	372000	1142	600	-56400	131	720	1302000	1598400	1142	10779600	300000	3148	600	-79200	581	550	132000	1942800	182	8
22	BAJAJ-AUT	5000	63	3000	-3000	54	2900	2250	64750	63	355750	2250	174	2650	-2750	147	2500	750	110250	0	
23	BAJAJFINS	1250	12	6200	-1125	43	5800	-625	9500	44	50625	625	10	5000	-875	12	5400	250	9125	10	
24	BAJFINANC	79000	703	2600	-4000	72	2300	95000	320250	1099	1532000	2250	200	2350	-5250	128	2000	-9250	331000	128	1
25	BALKRISIN	214400	694	1000	-11200	226	1150	668800	216800	694	1053600	84800	639	900	-6400	16	1140	172000	100000	639	
26	BANKBARC	112000	563	115	-72000	252	130	-12000	4220000	581	18980000	40000	397	110	-312000	395	100	-608000	1976000	395	11
27	BANKINDIA	276000	162	90	-6000	2	82.5	522000	1440000	162	5358000	30000	37	85	-12000	2	60	24000	552000	22	2
28	BATAINDIA	63800	721	1100	-19800	301	1060	61050	165550	721	947100	9350	106	960	-4950	132	980	17600	75900	85	
29	BE	158400	54	110	-8800	3	85	168300	2838400	171	8338050	54450	71	80	-28700	7	75	38600	773150	71	8

# DATA CAPTURE

## CAPTURE 4 in DATA FILE

	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ù	Ú	Û	Ü	Ý	Þ
1	INSTRU	SYMBOL	EXPIRY	STRIKE	OPTION	OPEN	HIGH	LOW	CLOSE	SETTLE	CONTR	VAL_IN	OPEN_I	CHG_IN	TIMEST	IP												
2	OPTIDX	BANKNIFT	6-Nov-18	22800	CE	0	0	0	1865.7	0	0	0	0	0	0	6-Nov-18												
3	OPTIDX	BANKNIFT	6-Nov-18	22900	CE	0	0	0	1779.55	0	0	0	0	0	0	6-Nov-18												
4	OPTIDX	BANKNIFT	6-Nov-18	23000	CE	2922.25	2922.25	2922.25	2922.25	0	1	5.18	0	-20	0	6-Nov-18												
5	OPTIDX	BANKNIFT	6-Nov-18	23100	CE	0	0	0	1611.85	0	0	0	0	0	0	6-Nov-18												
6	OPTIDX	BANKNIFT	6-Nov-18	23200	CE	0	0	0	1878.7	0	0	0	0	0	0	6-Nov-18												
7	OPTIDX	BANKNIFT	6-Nov-18	23300	CE	0	0	0	1793.6	0	0	0	0	0	0	6-Nov-18												
8	OPTIDX	BANKNIFT	6-Nov-18	23400	CE	0	0	0	1957.95	0	0	0	0	0	0	6-Nov-18												
9	OPTIDX	BANKNIFT	6-Nov-18	23500	CE	0	0	0	1877.95	0	0	0	0	0	0	6-Nov-18												
10	OPTIDX	BANKNIFT	6-Nov-18	23600	CE	0	0	0	1799.4	0	0	0	0	0	0	6-Nov-18												
11	OPTIDX	BANKNIFT	6-Nov-18	23700	CE	0	0	0	2056.95	0	0	0	0	0	0	6-Nov-18												
12	OPTIDX	BANKNIFT	6-Nov-18	23800	CE	0	0	0	1647.05	0	0	0	0	0	0	6-Nov-18												
13	OPTIDX	BANKNIFT	6-Nov-18	23900	CE	1836.9	1836.9	1836.9	1836.9	0	1	5.14	20	0	0	6-Nov-18												
14	OPTIDX	BANKNIFT	6-Nov-18	24000	CE	1776.15	1838.15	1495.05	1608.55	0	79	405.45	460	-440	0	6-Nov-18												
15	OPTIDX	BANKNIFT	6-Nov-18	24100	CE	1620.45	1620.45	1473.35	1508.3	0	3	15.38	40	-20	0	6-Nov-18												
16	OPTIDX	BANKNIFT	6-Nov-18	24200	CE	0	0	0	1715.85	0	0	0	0	0	0	6-Nov-18												
17	OPTIDX	BANKNIFT	6-Nov-18	24300	CE	1545.65	1634.35	1313.7	1315.5	0	14	71.98	20	-120	0	6-Nov-18												
18	OPTIDX	BANKNIFT	6-Nov-18	24400	CE	1401	1428.25	1189.9	1189.9	0	24	123.47	20	-280	0	6-Nov-18												
19	OPTIDX	BANKNIFT	6-Nov-18	24500	CE	1336.7	1342.7	1054.95	1087	0	1251	6429.98	860	-14300	0	6-Nov-18												
20	OPTIDX	BANKNIFT	6-Nov-18	24600	CE	1213.65	1246.1	972.05	985.9	0	356	1829.87	340	-3420	0	6-Nov-18												
21	OPTIDX	BANKNIFT	6-Nov-18	24700	CE	1115.3	1141	855.05	897.2	0	526	2704.74	780	-5060	0	6-Nov-18												
22	OPTIDX	BANKNIFT	6-Nov-18	24800	CE	973.6	1039.65	758	785.65	0	493	2537.96	260	-4940	0	6-Nov-18												
23	OPTIDX	BANKNIFT	6-Nov-18	24900	CE	862.4	940	663.55	675.85	0	388	1997.23	680	-2220	0	6-Nov-18												
24	OPTIDX	BANKNIFT	6-Nov-18	25000	CE	523.25	847.4	523.25	593.6	0	7360	37870.14	1540	-62860	0	6-Nov-18												
25	OPTIDX	BANKNIFT	6-Nov-18	25100	CE	671.75	743.3	452.7	481.45	0	3946	20291.17	900	-23500	0	6-Nov-18												
26	OPTIDX	BANKNIFT	6-Nov-18	25200	CE	553.65	648.85	345	382.7	0	5020	25815.76	1140	-28020	0	6-Nov-18												
27	OPTIDX	BANKNIFT	6-Nov-18	25300	CE	588.6	588.6	250.6	295	0	7202	37014.95	800	-31600	0	6-Nov-18												
28	OPTIDX	BANKNIFT	6-Nov-18	25400	CE	375.15	453.15	151.5	191.15	0	31522	161770.2	1260	-63240	0	6-Nov-18												
29	OPTIDX	BANKNIFT	6-Nov-18	25500	CE	252	356	62.4	87.45	0	259830	1331798	10100	-200940	0	6-Nov-18												
30	OPTIDX	BANKNIFT	6-Nov-18	25600	CE	181.2	265	0.05	6.5	0	1446094	7412869	613600	478700	0	6-Nov-18												
31	OPTIDX	BANKNIFT	6-Nov-18	25700	CE	144	188.25	0.05	0.65	0	1701715	8318130	1305500	855240	0	6-Nov-18												

Sum of Column N for Each SYMBOL and TYPE

Final Data

Sheet1

Click and drag to insert an AutoShape.

AVERAGE: 12450.77821 COUNT: 515 SUM: 6399700

100%

# DATA CAPTURE

## CAPTURE 4 in DATA FILE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	INSTRU	SYMBOL	EXPIRY	STRIKE	OPTION	OPEN	HIGH	LOW	CLOSE	SETTLE	CONTR	VAL_IN	OPEN_I	CHG_IN	TIMEST	IP							
2	OPTIDX	BANKNIFT	6-Nov-18	22800	CE	0	0	0	1865.7	0	0	0	0	0	6-Nov-18								
3	OPTIDX	BANKNIFT	6-Nov-18	22900	CE	0	0	0	1779.55	0	0	0	0	0	6-Nov-18								
4	OPTIDX	BANKNIFT	6-Nov-18	23000	CE	2922.25	2922.25	2922.25	2922.25	0	1	5.18	0	-20	6-Nov-18								
5	OPTIDX	BANKNIFT	6-Nov-18	23100	CE	0	0	0	1611.85	0	0	0	0	0	6-Nov-18								
6	OPTIDX	BANKNIFT	6-Nov-18	23200	CE	0	0	0	1878.7	0	0	0	0	0	6-Nov-18								
7	OPTIDX	BANKNIFT	6-Nov-18	23300	CE	0	0	0	1793.6	0	0	0	0	0	6-Nov-18								
8	OPTIDX	BANKNIFT	6-Nov-18	23400	CE	0	0	0	1957.95	0	0	0	0	0	6-Nov-18								
9	OPTIDX	BANKNIFT	6-Nov-18	23500	CE	0	0	0	1877.95	0	0	0	0	0	6-Nov-18								
10	OPTIDX	BANKNIFT	6-Nov-18	23600	CE	0	0	0	1799.4	0	0	0	0	0	6-Nov-18								
11	OPTIDX	BANKNIFT	6-Nov-18	23700	CE	0	0	0	2056.95	0	0	0	0	0	6-Nov-18								
12	OPTIDX	BANKNIFT	6-Nov-18	23800	CE	0	0	0	1647.05	0	0	0	0	0	6-Nov-18								
13	OPTIDX	BANKNIFT	6-Nov-18	23900	CE	1836.9	1836.9	1836.9	1836.9	0	1	5.14	20	0	6-Nov-18								
14	OPTIDX	BANKNIFT	6-Nov-18	24000	CE	1776.15	1838.15	1495.05	1608.55	0	79	405.45	460	-440	6-Nov-18								
15	OPTIDX	BANKNIFT	6-Nov-18	24100	CE	1620.45	1620.45	1473.35	1508.3	0	3	15.38	40	-20	6-Nov-18								
16	OPTIDX	BANKNIFT	6-Nov-18	24200	CE	0	0	0	1715.85	0	0	0	0	0	6-Nov-18								
17	OPTIDX	BANKNIFT	6-Nov-18	24300	CE	1545.65	1634.35	1313.7	1315.5	0	14	71.98	20	-120	6-Nov-18								
18	OPTIDX	BANKNIFT	6-Nov-18	24400	CE	1401	1428.25	1189.9	1189.9	0	24	123.47	20	-280	6-Nov-18								
19	OPTIDX	BANKNIFT	6-Nov-18	24500	CE	1336.7	1342.7	1054.95	1087	0	1251	6429.98	860	-14300	6-Nov-18								
20	OPTIDX	BANKNIFT	6-Nov-18	24600	CE	1213.65	1246.1	972.05	985.9	0	356	1829.87	340	-3420	6-Nov-18								
21	OPTIDX	BANKNIFT	6-Nov-18	24700	CE	1115.3	1141	855.05	897.2	0	526	2704.74	780	-5060	6-Nov-18								
22	OPTIDX	BANKNIFT	6-Nov-18	24800	CE	973.6	1039.65	758	785.65	0	493	2537.96	260	-4940	6-Nov-18								
23	OPTIDX	BANKNIFT	6-Nov-18	24900	CE	862.4	940	663.55	675.85	0	388	1997.23	680	-2220	6-Nov-18								
24	OPTIDX	BANKNIFT	6-Nov-18	25000	CE	523.25	847.4	523.25	593.6	0	7360	37870.14	1540	-62860	6-Nov-18								
25	OPTIDX	BANKNIFT	6-Nov-18	25100	CE	671.75	743.3	452.7	481.45	0	3946	20291.17	900	-23500	6-Nov-18								
26	OPTIDX	BANKNIFT	6-Nov-18	25200	CE	553.65	648.85	345	382.7	0	5020	25815.76	1140	-28020	6-Nov-18								
27	OPTIDX	BANKNIFT	6-Nov-18	25300	CE	588.6	588.6	250.6	295	0	7202	37014.95	800	-31600	6-Nov-18								
28	OPTIDX	BANKNIFT	6-Nov-18	25400	CE	375.15	453.15	151.5	191.15	0	31522	161770.2	1260	-63240	6-Nov-18								
29	OPTIDX	BANKNIFT	6-Nov-18	25500	CE	252	356	62.4	87.45	0	259830	1331798	10100	-200940	6-Nov-18								
30	OPTIDX	BANKNIFT	6-Nov-18	25600	CE	181.2	265	0.05	6.5	0	1446094	7412869	613600	478700	6-Nov-18								
31	OPTIDX	BANKNIFT	6-Nov-18	25700	CE	144	180.35	0.05	0.65	0	1781715	8348130	1206550	865340	6-Nov-18								

Final Data Sheet1

Click and drag to insert an AutoShape.

AVERAGE: 28628.32685 COUNT: 515 SUM: 14714960 100%





# THANK YOU!

Please contact for any VBA  
requirements

[kashyapvivek86@gmail.com](mailto:kashyapvivek86@gmail.com)