
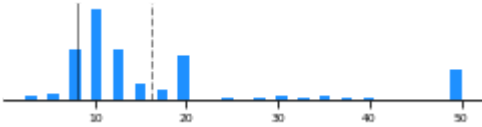

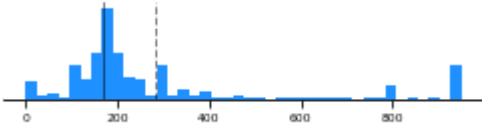

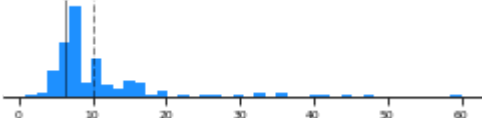


Options' Center of Mass Report


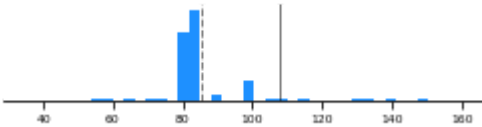

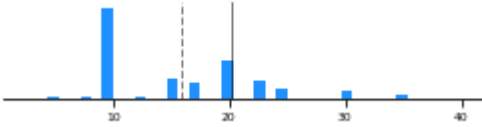

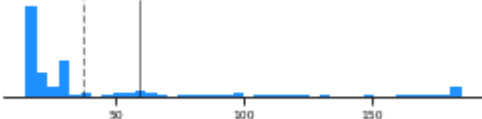
This report highlights stocks that have bullish or bearish tendencies based on the options traded during the day. The 'Center of Mass' is a weighted average of all options based on the daily options volume. It is similar to unusual options activity analysis or 'Max pain' analysis, but it considers the traded options delta. We gain insights by comparing the CoM to the current stock price. For example, the more OTM call options are traded, the signal is considered 'bullish.' Furthermore, the more volume or OTM the options are, the more 'bullish' the signal is. This also works vice-versa: if more OTM puts are traded, the signal is considered bearish.

Research shows alpha for up to 4 days after the signal.

Bullish Center of Mass

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
CAN	8.15	16.14 98.08%	20572	0.62		
GME	169.80	281.69 65.89%	76514	0.99		
WKHS	6.29	10.09 60.35%	52632	1.46		

Bearish Center of Mass

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
RY	107.75	85.49 -20.66%	6363	0.98		
AEHR	20.18	15.83 -21.56%	10267	0.54		
CRTX	59.41	37.5 -36.88%	15156	0.83		

How to read the report:

Center of Mass

This is where the options' Center of Mass, when calculating it based on options traded and their deltas. The number is the price, and the percentage is the distance from the current stock price. The higher the number, the more bullish the signal (reverse for bearish).

Total Volume

The total calls & puts traded across the entire chain and expiration.

Volume Power

Calculated as the total volume divided by average total volume. Numbers greater than 1 means volume is heavier than usual.

CoM Trend

The trend of the Center of Mass over the last five trading days. If the CoM went higher, it would be green, and it would be red if it went lower when compared to the previous day value.

Volume by Strike

Histogram chart where the X-axis are the strikes, The blue bars are the options volume, the black line is the stock price, and the dashed line is the CoM.

How to use the report:

This report scans all stocks with liquid options chains and analyzes their CoM. It also highlights the top bullish and bearish signals to notice and analyze. Analyzing the market volume shows that the market participants are bullish or bearish on those stocks, and Research shows an edge when using these signals. Please note that this report also has noise, so use the signals with other analysis methods.

[Read more about it here.](#)

For feedback and suggestions please email to shogun@optionsamurai.com

Appendix:

The following table is sorted by stock ticker alphabetically. You can use it to find the CoM of stocks in your watchlist.

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
AA	49.25	52.69 6.98%	65180	0.96		
AAL	19.15	20.42 6.61%	173371	1.24		
AAPL	148.69	148.64 -0.03%	1157982	0.77		
ABBV	109.14	108.29 -0.78%	31282	0.65		
ABNB	166.64	176.33 5.82%	47372	0.54		
ABT	126.72	121.95 -3.76%	17191	1.23		
ACB	7.07	8.74 23.62%	15938	0.73		
ACI	30.82	30.21 -1.98%	5107	0.94		
ACWI	104.91	105.0 0.08%	7207	1.05		
ADBE	643.58	617.59 -4.04%	26191	0.93		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
ADI	178.42	178.8 0.21%	11709	0.66		
ADSK	308.58	312.05 1.13%	5044	0.86		
AEHR bottom 3	20.18	15.83 -21.56%	10267	0.54		
AEO	24.39	22.44 -7.99%	8352	0.47		
AFRM	155.21	155.62 0.26%	166495	0.81		
AG	13.11	14.87 13.40%	21394	1.68		
AGC	11.00	12.0 9.13%	31786	10.12		
AGNC	16.55	17.25 4.21%	7060	0.86		
AI	45.61	56.26 23.35%	7105	0.4		
AIG	60.01	60.55 0.89%	7210	0.87		
ALLO	15.82	18.41 16.39%	5451	0.65		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
ALLY	50.70	55.07 8.63%	7802	2.18		
AMAT	135.93	136.16 0.17%	31127	1.56		
AMC	36.60	58.58 60.06%	519660	0.66		
AMD	119.82	118.1 -1.44%	509884	0.63		
AMGN	209.24	217.39 3.89%	8260	0.53		
AMLP	36.52	34.83 -4.63%	5033	0.86		
AMRS	14.03	13.72 -2.22%	13388	0.81		
AMZN	3335.55	3349.83 0.43%	337439	1.03		
ANY	6.50	9.38 44.37%	114153	0.59		
APA	27.68	28.23 1.98%	18729	1.14		
APO	79.72	80.6 1.10%	13864	2.21		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
APPS	83.89	89.88 7.15%	13503	1.1		
AR	20.27	20.83 2.74%	8695	0.8		
ARKG	74.81	79.41 6.14%	13971	0.78		
ARKK	117.75	110.76 -5.94%	80228	0.91		
ASAN	134.07	126.13 -5.92%	13769	1.38		
ASHR	39.33	41.12 4.55%	38977	1.28		
ASML	800.97	707.54 -11.66%	8681	1.52		
ASO	43.31	44.27 2.21%	7801	0.92		
ASTR	9.41	14.13 50.14%	7800	0.67		
ATER	7.49	11.89 58.69%	27268	0.43		
ATUS	18.63	24.23 30.07%	12404	0.86		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
ATVI	79.27	81.29 2.55%	43466	0.82		
AUPH	28.00	23.59 -15.76%	16734	2.29		
AVDL	8.14	11.66 43.27%	9895	1.93		
AVGO	515.41	490.78 -4.78%	10097	1.04		
AVIR	12.73	17.8 39.84%	14818	1.04		
AXP	187.08	181.61 -2.93%	23705	1.67		
AZN	61.79	61.92 0.21%	5592	0.56		
BA	212.97	223.52 4.95%	190268	0.81		
BABA	177.70	183.15 3.07%	337652	0.77		
BAC	47.57	45.42 -4.52%	296125	0.78		
BB	10.92	13.69 25.36%	145634	0.9		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
BBBY	14.31	18.47 29.09%	36863	0.9		
BBIG	5.19	7.49 44.25%	347927	0.88		
BBY	118.39	115.03 -2.84%	8354	0.78		
BCRX	14.70	15.91 8.26%	7233	0.61		
BEKE	24.98	24.88 -0.39%	17824	0.63		
BIDU	177.64	183.61 3.36%	69011	0.64		
BIIB	264.80	289.46 9.31%	7565	0.88		
BILI	82.10	85.73 4.42%	14815	0.46		
BITF	5.25	7.28 38.75%	24805	0.8		
BITO	39.51	44.36 12.27%	79536	0.48		
BKKT	9.15	11.57 26.40%	26529	3.56		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
BKR	24.64	24.32 -1.30%	5649	1.17		
BLK	914.97	863.3 -5.65%	5347	0.77		
BLNK	27.68	29.97 8.29%	18464	1.26		
BMY	57.60	59.16 2.71%	31888	0.73		
BNGO	5.15	6.79 31.76%	11297	0.98		
BNTX	278.34	288.55 3.67%	16182	0.85		
BP	29.51	28.44 -3.62%	50212	0.75		
BRK.B	289.24	261.71 -9.52%	22098	0.86		
BROS	68.86	70.2 1.95%	10788	0.93		
BSX	44.84	45.18 0.75%	6283	0.58		
BTBT	10.17	9.64 -5.26%	65314	0.24		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
BTCM	8.88	11.18 25.95%	10521	0.34		
BTU	14.15	16.0 13.04%	25824	0.94		
BUD	56.21	54.85 -2.42%	6493	1.14		
BX	137.63	136.22 -1.02%	24196	0.95		
BYND	95.80	105.61 10.24%	64244	6.79		
C	71.37	68.94 -3.41%	124486	0.83		
CAN top 3	8.15	16.14 98.08%	20572	0.62		
CAR	167.97	153.9 -8.38%	14570	1.34		
CAT	200.65	199.07 -0.79%	42948	0.77		
CCJ	25.93	27.05 4.30%	129617	0.69		
CCL	22.29	26.14 17.28%	113835	0.93		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
CCXI	34.57	46.96 35.85%	23857	0.43		
CF	59.67	61.3 2.74%	6691	0.54		
CGC	13.38	16.15 20.67%	26297	1.33		
CHPT	21.35	22.86 7.07%	43882	0.67		
CHWY	65.47	68.43 4.52%	42176	0.69		
CIFR	8.00	9.03 12.90%	16624	1.43		
CLF	23.85	23.11 -3.11%	147737	2.59		
CLNE	8.65	10.34 19.52%	6751	0.52		
CLOV	7.50	9.16 22.14%	108122	0.63		
CLSK	16.44	19.99 21.59%	6668	1.22		
CLX	161.44	159.94 -0.93%	6614	0.51		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
CMCSA	54.22	53.98 -0.44%	31757	0.96		
CMG	1792.21	1752.17 -2.23%	11970	2.59		
CMPS	38.89	49.3 26.77%	6490	2.07		
CNC	69.24	71.89 3.83%	5151	0.88		
COF	167.84	166.3 -0.91%	7082	1.06		
COIN	300.84	325.17 8.09%	142626	1.21		
COP	75.72	72.86 -3.78%	20206	0.83		
COST	481.99	471.74 -2.13%	25648	1.01		
COTY	8.08	8.66 7.18%	40995	0.89		
COUP	245.96	281.16 14.31%	5232	0.71		
CPNG	29.00	37.96 30.91%	16824	1.5		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
CPRI	52.49	52.33 -0.31%	5655	0.51		
CRM	292.56	285.48 -2.42%	45480	0.52		
CRON	5.65	8.15 44.22%	10642	1.13		
CROX	149.76	147.77 -1.33%	11291	1.39		
CRSP	95.56	104.11 8.95%	11411	1.05		
CRSR	24.88	28.3 13.76%	16403	0.63		
CRTX bottom 3	59.41	37.5 -36.88%	15156	0.83		
CRWD	283.39	285.94 0.90%	35228	0.74		
CSCO	55.11	53.98 -2.05%	43875	0.95		
CSTM	18.00	18.01 0.07%	6365	0.85		
CSX	35.42	34.81 -1.73%	12597	1.41		


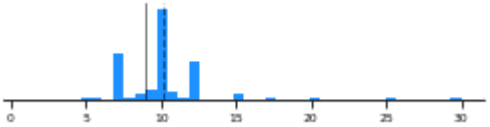

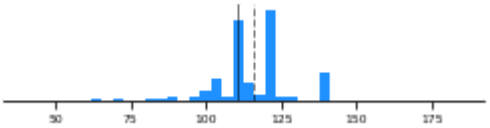

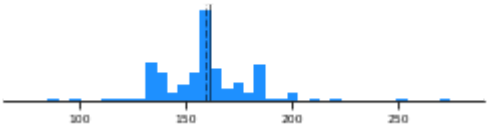

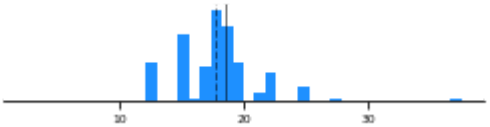

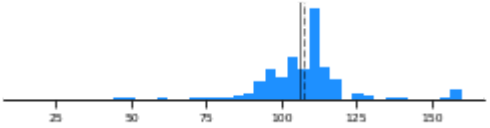

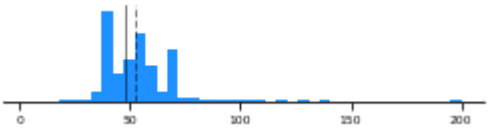

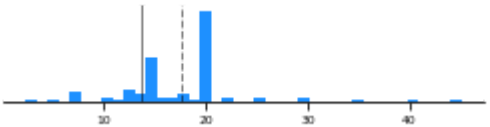

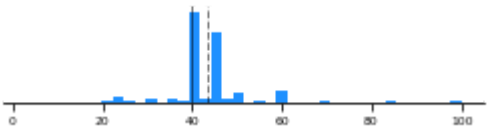

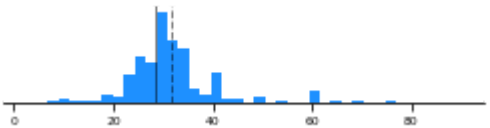

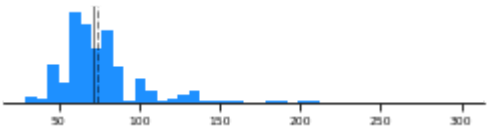

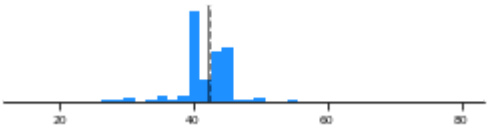
Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
CTRA	21.29	21.94 3.08%	9106	0.54		
CVE	11.73	10.44 -11.00%	7140	0.95		
CVNA	297.59	262.81 -11.69%	5745	0.8		
CVS	87.52	86.47 -1.19%	71150	0.97		
CVX	112.80	108.71 -3.62%	33632	0.83		
CZR	112.05	113.14 0.97%	10670	0.39		
DAL	39.74	44.89 12.96%	84023	0.83		
DASH	213.83	197.22 -7.77%	7805	0.3		
DBA	18.98	18.41 -3.00%	5108	0.62		
DBRG	6.57	7.38 12.39%	5140	1.05		
DDD	26.78	29.56 10.39%	6623	0.54		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
DDOG	162.39	143.49 -11.64%	16302	0.58		
DE	340.71	339.91 -0.24%	9335	0.53		
DELL	114.54	112.57 -1.72%	10831	1.24		
DHR	313.38	308.83 -1.45%	7043	1.05		
DIA	356.74	342.74 -3.92%	54187	0.99		
DIDI	9.19	10.16 10.50%	99242	0.99		
DIS	169.42	176.95 4.45%	161004	0.94		
DISCA	25.10	27.47 9.43%	13223	0.7		
DKNG	46.11	54.62 18.46%	193208	1.59		
DKS	125.82	127.41 1.26%	7643	0.49		
DLTR	103.15	101.71 -1.39%	11866	0.36		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
DM	7.02	9.88 40.77%	8275	0.73		
DNA	13.14	15.57 18.50%	37406	0.69		
DOCS	64.75	85.85 32.59%	6486	1.16		
DOCU	274.73	278.12 1.24%	20040	0.73		
DOW	58.40	56.29 -3.61%	14043	1.18		
DPZ	464.33	459.12 -1.12%	9983	0.83		
DT	78.76	77.35 -1.79%	5076	0.63		
DVN	40.44	42.24 4.46%	21037	0.66		
EA	141.07	137.88 -2.26%	16029	0.92		
EBAY	80.59	78.41 -2.70%	27012	1.74		
EEM	52.04	54.62 4.96%	215066	1.33		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
EFA	80.50	79.65 -1.06%	54890	1.01		
EMB	109.51	108.31 -1.10%	16630	1.33		
ENB	42.80	35.54 -16.97%	5774	0.74		
ENPH	176.70	172.79 -2.21%	10413	0.87		
EOG	92.00	87.54 -4.85%	13753	0.47		
EPD	24.43	23.85 -2.38%	18259	1.31		
EQT	21.40	22.63 5.74%	8203	0.57		
ERIC	11.58	11.65 0.64%	8274	1.01		
ET	9.88	9.86 -0.24%	56565	1.2		
ETSY	241.27	225.33 -6.60%	17456	0.81		
EWC	39.56	37.26 -5.82%	15761	1.04		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
EWJ	68.42	68.22 -0.29%	10416	1.37		
EWZ	30.08	30.37 0.97%	193923	3.01		
EXC	51.31	52.15 1.63%	8826	0.73		
EXPE	161.67	165.42 2.32%	13239	0.67		
F	16.28	16.85 3.53%	432918	0.97		
FANG	109.33	112.08 2.52%	9111	0.87		
FAS	147.29	145.28 -1.36%	13418	0.89		
FB	324.61	330.84 1.92%	464138	2.18		
FCEL	7.29	9.16 25.63%	209438	1.6		
FCX	37.67	38.06 1.02%	170699	0.98		
FDX	232.98	245.68 5.45%	44956	0.88		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
FFIE	8.99	10.2 13.44%	24417	0.74		
FISV	110.18	115.77 5.08%	5702	0.6		
FIVN	161.43	159.53 -1.18%	7131	0.45		
FLR	18.53	17.79 -3.97%	5292	0.84		
FSLR	106.22	107.78 1.47%	15819	0.5		
FSLY	48.19	52.82 9.62%	36560	0.81		
FSR	13.85	17.59 26.99%	24190	0.8		
FTCH	40.06	43.54 8.68%	11319	1.09		
FUBO	28.52	31.75 11.32%	57625	0.77		
FUTU	71.80	74.43 3.67%	65702	1.01		
FXI	42.20	42.26 0.15%	136539	0.61		


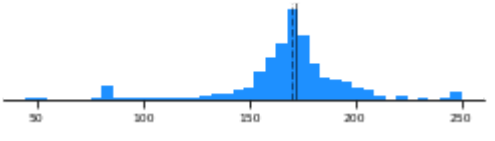

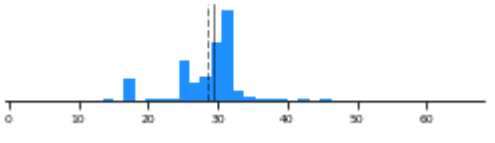

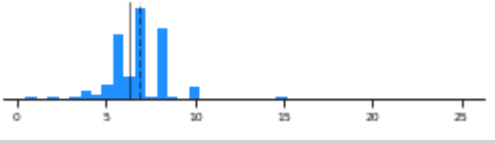

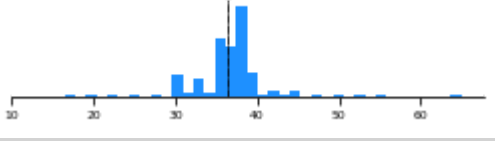

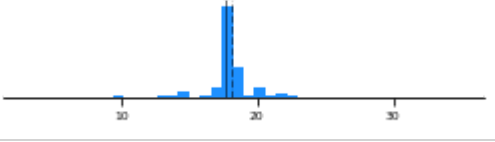

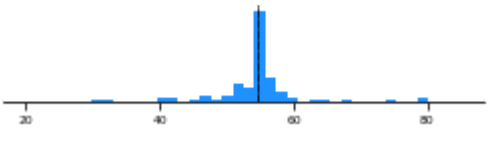

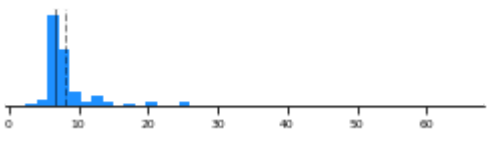

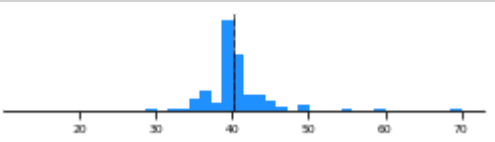

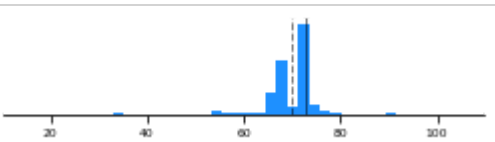

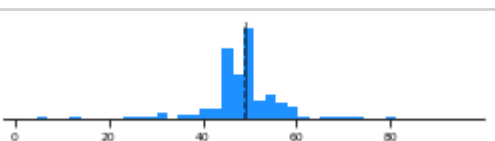

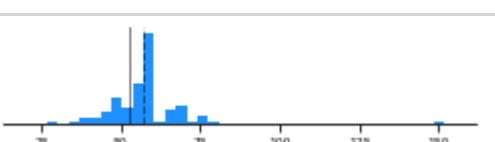
Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
GCI	5.98	6.95 16.20%	12286	0.57		
GDX	32.99	34.57 4.79%	124021	1.35		
GDXJ	44.44	46.12 3.78%	15842	1.29		
GE	104.05	104.75 0.68%	24394	0.62		
GILD	67.24	66.44 -1.19%	30636	0.73		
GLD	167.77	174.78 4.18%	86469	1.5		
GM	57.77	57.71 -0.11%	107728	0.63		
GME top 3	169.80	281.69 65.89%	76514	0.99		
GOGO	17.10	16.66 -2.54%	6349	0.23		
GOLD	19.48	20.79 6.75%	46001	1.19		
GOOG	2772.50	2693.65 -2.84%	39530	1.42		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
GOOGL	2751.33	2806.98 2.02%	74609	1.86		
GPRO	8.89	9.35 5.14%	5307	0.87		
GPS	22.52	22.26 -1.16%	20073	0.76		
GREE	20.36	24.07 18.23%	7782	0.41		
GRWG	22.03	25.64 16.40%	11130	0.65		
GS	414.32	390.85 -5.66%	54707	1.04		
GSAH	10.54	10.54 0.00%	7778	0.0		
GSK	39.77	41.08 3.30%	7744	1.31		
GWH	16.69	13.9 -16.73%	38887	1.07		
HAL	25.89	24.46 -5.51%	31124	0.99		
HD	365.99	343.83 -6.06%	34468	0.91		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
HEAR	28.33	26.46 -6.61%	6042	0.72		
HIMX	10.26	12.01 17.09%	9459	0.59		
HL	5.84	6.54 11.95%	10519	1.26		
HLT	141.66	139.24 -1.71%	5383	0.53		
HOG	36.90	35.47 -3.88%	7524	0.99		
HON	217.40	215.94 -0.67%	6421	1.64		
HOOD	39.59	44.92 13.46%	111089	0.35		
HPQ	30.47	32.08 5.27%	17901	1.23		
HUT	11.15	13.6 21.95%	64548	1.23		
HYG	86.84	86.92 0.09%	232244	0.98		
HYLN	7.68	10.72 39.56%	8816	0.6		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
IBM	127.88	130.89 2.35%	77897	2.8		
ICLN	23.56	25.08 6.44%	8520	0.81		
IEF	113.96	114.32 0.31%	16901	1.33		
IGT	29.37	32.64 11.14%	10683	0.78		
INDA	49.39	50.49 2.23%	9715	1.87		
INMD	84.48	86.86 2.82%	7641	0.56		
INO	6.74	8.7 29.08%	7003	0.99		
INTC	49.46	52.16 5.45%	223195	5.14		
IONQ	9.66	10.88 12.66%	8974	1.25		
IPOF	10.23	10.7 4.59%	21873	1.94		
IQ	9.59	10.48 9.25%	16358	1.02		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
IRNT	9.81	12.8 30.45%	28335	0.49		
ISRG	341.52	342.63 0.32%	9616	0.86		
IWM	227.41	221.16 -2.75%	497389	0.65		
IYR	110.02	107.03 -2.72%	12358	1.15		
JBLU	14.64	15.6 6.56%	9347	0.94		
JD	83.07	82.44 -0.76%	47563	0.51		
JETS	22.60	24.43 8.08%	22156	0.73		
JMIA	18.39	22.84 24.17%	22400	1.26		
JNJ	163.72	164.65 0.57%	38514	0.74		
JNK	108.48	105.62 -2.64%	5174	0.99		
JOBY	8.99	8.72 -3.03%	8679	0.45		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
JPM	171.78	169.72 -1.20%	110519	0.83		
JWN	29.42	28.55 -2.94%	16112	0.71		
KGC	6.32	6.88 8.87%	10929	1.05		
KHC	36.38	36.45 0.18%	8689	0.68		
KMI	17.67	18.09 2.37%	30584	1.14		
KO	54.45	54.67 0.41%	41534	0.97		
KODK	6.78	8.12 19.80%	14258	3.43		
KR	40.23	40.29 0.15%	17579	1.06		
KRE	72.78	69.96 -3.88%	37240	0.94		
KSS	49.15	48.75 -0.81%	12879	1.41		
KWEB	52.78	57.28 8.52%	74855	0.9		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
LABU	52.86	51.79 -2.02%	15581	1.44		
LAC	25.04	27.43 9.56%	15034	0.58		
LAZR	15.70	15.64 -0.41%	12952	0.73		
LC	34.37	34.63 0.76%	5729	0.58		
LCID	24.11	27.35 13.46%	151477	0.62		
LEN	100.50	98.06 -2.43%	5305	1.25		
LI	32.29	32.69 1.24%	15452	1.24		
LLY	243.75	240.78 -1.22%	5879	0.78		
LMND	63.47	69.47 9.46%	9848	0.97		
LMT	374.60	382.34 2.07%	5686	0.93		
LNG	105.27	107.36 1.99%	8430	0.75		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
LOW	228.77	220.68 -3.54%	23029	0.63		
LQD	132.31	131.46 -0.64%	18798	1.0		
LRCX	556.74	570.73 2.51%	22094	1.4		
LULU	421.73	398.02 -5.62%	10537	0.47		
LUMN	12.48	12.52 0.31%	11508	0.4		
LUV	47.63	52.62 10.47%	53997	1.07		
LVS	38.00	42.94 13.00%	70498	0.6		
LYFT	48.32	51.14 5.84%	18854	0.62		
LYV	100.75	100.12 -0.62%	5592	0.46		
M	26.59	25.38 -4.56%	63246	0.64		
MA	358.67	360.4 0.48%	26137	0.75		


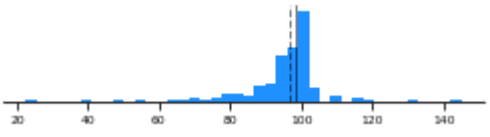


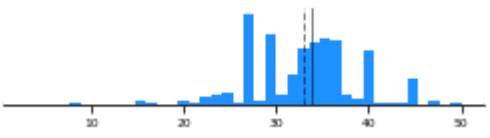

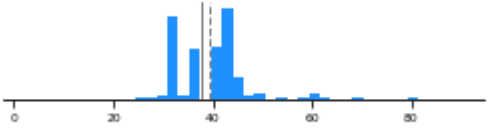

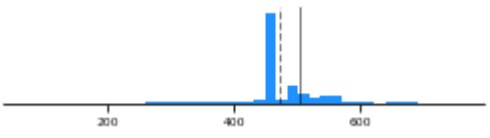

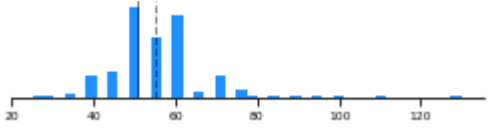



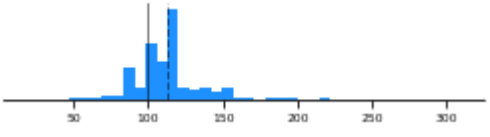

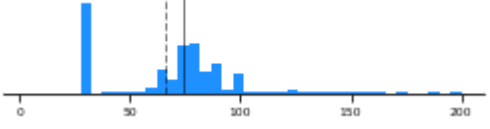
Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
MAR	154.75	154.96 0.13%	7539	0.5		
MARA	49.46	51.25 3.61%	199961	0.95		
MAT	20.45	21.08 3.09%	16090	3.04		
MCD	238.44	239.57 0.48%	24052	1.34		
MDT	123.09	124.48 1.13%	14824	0.93		
ME	10.87	11.37 4.62%	12282	3.12		
MELI	1503.78	1382.5 -8.07%	7490	1.7		
MGM	48.03	52.33 8.95%	55595	0.43		
MMM	180.80	180.5 -0.17%	8052	1.11		
MO	48.22	50.57 4.87%	20055	1.49		
MOS	42.01	41.62 -0.92%	12774	0.69		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
MP	36.51	35.99 -1.43%	5026	0.68		
MPC	67.52	66.37 -1.71%	9841	0.71		
MQ	25.41	25.43 0.10%	7789	2.2		
MRK	81.15	81.94 0.97%	78452	0.56		
MRNA	326.54	336.63 3.09%	137086	0.47		
MRO	16.58	16.67 0.56%	35804	0.77		
MRVL	66.31	67.96 2.48%	20028	0.92		
MS	101.80	96.79 -4.92%	48880	0.82		
MSFT	309.16	287.96 -6.86%	264426	0.78		
MSOS	28.42	33.32 17.26%	6888	1.1		
MSTR	718.52	944.79 31.49%	14366	0.5		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
MT	31.92	34.06 6.72%	15071	0.69		
MTCH	169.32	163.29 -3.56%	12552	0.9		
MTTR	19.34	20.23 4.61%	7908	0.68		
MU	67.51	71.91 6.52%	159776	0.94		
MVIS	8.69	10.5 20.88%	18622	1.18		
MVST	7.88	9.26 17.56%	11919	0.43		
NCLH	25.48	31.53 23.73%	31969	0.74		
NEE	84.42	85.02 0.71%	10243	0.71		
NEM	57.61	61.59 6.90%	20680	1.43		
NET	181.35	156.39 -13.77%	63484	0.86		
NFLX	664.78	654.27 -1.58%	208718	1.72		


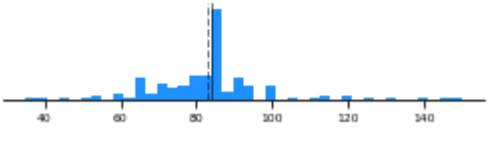

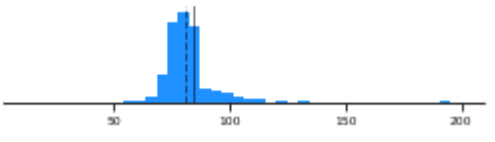

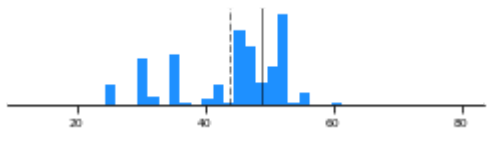

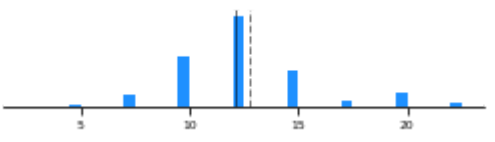

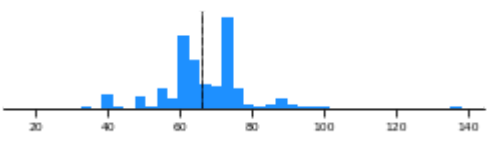

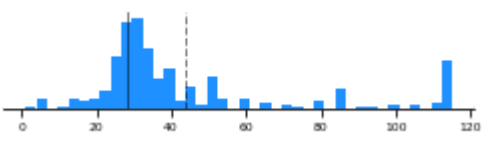
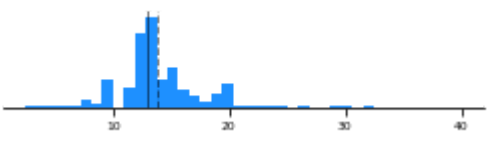

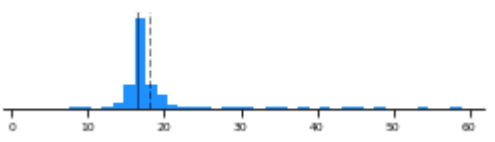

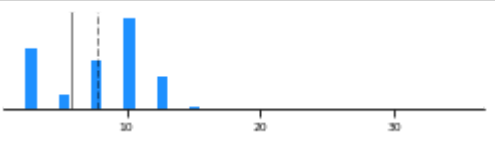

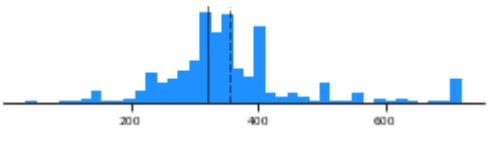

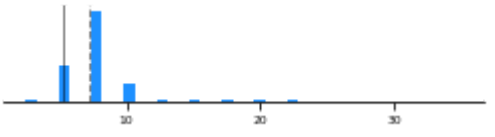
Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
NIO	38.88	43.18 11.07%	288001	0.7		
NKE	163.48	162.62 -0.53%	63674	0.86		
NKLA	10.60	14.03 32.40%	30963	0.63		
NLY	8.69	8.76 0.75%	6003	0.77		
NNDM	5.56	8.29 49.07%	11666	0.86		
NOK	5.88	6.75 14.72%	30705	0.95		
NOW	686.65	663.37 -3.39%	6538	0.91		
NRXP	9.90	13.91 40.52%	10884	0.29		
NRZ	11.49	11.52 0.29%	5438	0.93		
NTES	102.24	103.62 1.35%	9668	0.69		
NUE	102.33	102.96 0.62%	21607	0.92		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
NUGT	53.17	54.46 2.43%	5396	1.22		
NVAX	134.56	163.19 21.27%	50892	0.59		
NVDA	227.26	216.95 -4.53%	367523	1.0		
NXE	5.91	6.2 4.96%	6923	0.79		
OCGN	8.32	9.61 15.54%	111822	1.34		
OIH	221.83	230.34 3.84%	12226	1.02		
OKE	64.81	62.28 -3.91%	6071	1.01		
OKTA	260.38	256.22 -1.60%	7991	0.51		
ON	45.97	46.54 1.24%	6936	0.56		
OPAD	7.76	10.14 30.71%	6011	0.16		
OPEN	23.39	23.54 0.63%	37984	0.4		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
ORCL	98.25	96.51 -1.77%	40747	0.67		
OSTK	80.94	82.81 2.31%	6107	0.55		
OTLY	14.01	14.84 5.91%	6334	0.95		
OXY	33.93	33.05 -2.60%	70894	0.9		
PAGS	37.70	39.19 3.95%	37447	0.92		
PANW	504.13	473.1 -6.16%	8200	0.84		
PATH	50.80	55.04 8.35%	7386	0.38		
PBR	9.95	10.29 3.42%	102528	3.36		
PCG	11.90	11.97 0.59%	32134	0.75		
PDD	99.05	112.51 13.59%	32263	1.24		
PENN	74.63	66.4 -11.03%	44421	0.99		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
PEP	159.97	150.08 -6.18%	14565	0.86		
PFE	43.16	45.22 4.77%	109398	0.53		
PG	140.83	143.96 2.22%	46341	0.8		
PINS	58.06	63.03 8.55%	167723	1.39		
PLAY	38.27	37.87 -1.05%	6592	1.01		
PLBY	27.60	34.4 24.63%	9680	0.89		
PLTR	24.43	27.74 13.55%	237567	0.44		
PLUG	32.70	35.02 7.09%	186765	0.83		
PM	96.88	96.63 -0.26%	8679	0.9		
PMT	20.33	19.83 -2.46%	5168	0.61		
PNC	216.08	212.78 -1.53%	5391	1.19		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
POWW	6.22	8.16 31.16%	5028	0.58		
PSFE	8.10	9.69 19.59%	32655	0.82		
PSX	82.89	79.02 -4.67%	5783	0.63		
PTGX	30.96	27.32 -11.75%	7364	0.29		
PTON	93.83	96.92 3.29%	65644	0.57		
PUBM	26.51	26.7 0.73%	5089	1.85		
PYPL	240.40	253.88 5.61%	173462	3.47		
QCOM	131.62	135.24 2.75%	62196	0.73		
QQQ	374.10	357.14 -4.53%	1346273	0.94		
QS	23.10	28.28 22.44%	46782	1.2		
RAD	14.25	14.05 -1.44%	5119	0.46		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
RBLX	83.98	83.17 -0.97%	47115	0.8		
RCL	84.63	81.17 -4.09%	14415	0.62		
RDS.A	48.69	43.88 -9.87%	7100	0.84		
RDW	12.16	12.76 4.96%	12308	2.76		
RIO	65.88	66.07 0.29%	5799	1.08		
RIOT	28.28	43.71 54.55%	168312	0.98		
RKLB	13.00	13.78 5.98%	20583	0.6		
RKT	16.51	17.97 8.85%	46491	0.73		
RLX	5.80	7.77 34.02%	16622	0.54		
ROKU	321.88	354.96 10.28%	97045	1.02		
ROOT	5.23	7.29 39.34%	16525	0.38		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
RRC	24.65	27.07 9.81%	5628	0.85		
RRD	6.50	6.33 -2.62%	5607	0.53		
RTX	91.86	91.01 -0.93%	7112	0.9		
RUN	51.69	52.3 1.18%	13914	0.68		
RY bottom 3	107.75	85.49 -20.66%	6363	0.98		
SABR	10.84	12.34 13.83%	6353	0.75		
SAVA	45.71	56.32 23.21%	28611	0.28		
SAVE	23.00	25.67 11.61%	6574	0.89		
SBUX	114.55	111.77 -2.43%	40093	0.61		
SCHW	83.55	73.35 -12.21%	15514	1.07		
SDC	5.39	6.32 17.32%	89631	0.98		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
SDS	7.91	8.26 4.45%	6887	1.15		
SE	355.30	366.53 3.16%	27408	0.9		
SEAH	10.52	11.15 5.96%	5123	6.66		
SFIX	34.52	35.87 3.91%	9499	0.56		
SHOP	1425.85	1407.55 -1.28%	30766	1.66		
SHPW	8.23	11.52 39.99%	40327	2.52		
SI	145.92	156.88 7.51%	6253	0.82		
SIRI	6.07	5.98 -1.43%	12723	0.9		
SKLZ	10.11	12.54 24.01%	54316	1.38		
SKX	45.78	46.71 2.04%	9467	1.07		
SLB	33.91	34.79 2.61%	44431	1.12		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
SLV	22.54	24.47 8.56%	204263	1.64		
SMH	267.16	258.54 -3.23%	18856	0.99		
SNAP	55.14	63.84 15.77%	304375	8.63		
SNOW	339.78	336.13 -1.08%	23037	0.26		
SOFI	20.58	22.34 8.56%	277942	0.8		
SONO	32.00	33.61 5.03%	9351	0.49		
SOXL	44.05	40.56 -7.92%	28946	1.09		
SPCE	19.66	29.41 49.59%	115764	0.55		
SPG	145.14	142.06 -2.12%	8922	0.64		
SPIR	5.57	7.22 29.66%	5657	0.71		
SPLK	167.47	173.86 3.81%	8094	0.69		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
SPOT	252.96	258.29 2.11%	7770	0.71		
SPWR	29.41	28.92 -1.66%	13907	0.61		
SPXL	125.20	120.1 -4.07%	6514	1.03		
SPXS	19.56	20.34 4.00%	8931	1.19		
SPXU	14.82	16.06 8.35%	39996	1.18		
SPY	453.12	434.29 -4.16%	4595784	0.84		
SQ	253.06	265.08 4.75%	118690	1.03		
SQQQ	7.48	9.2 22.95%	107740	1.01		
SRNE	6.45	9.92 53.86%	8963	0.84		
SRPT	80.24	107.39 33.84%	6215	0.75		
STEM	21.13	23.02 8.94%	5107	1.08		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
STLD	63.50	63.47 -0.06%	5945	0.66		
STNE	36.84	36.72 -0.34%	6453	1.13		
STNG	17.27	19.41 12.41%	5785	0.52		
STX	87.23	83.88 -3.85%	11875	2.49		
SU	22.86	25.02 9.47%	9679	0.72		
SVXY	61.23	60.1 -1.85%	5843	0.69		
SWKS	165.12	165.77 0.40%	7307	0.82		
SWN	5.01	5.33 6.39%	12440	1.11		
SYF	49.19	48.65 -1.09%	5003	1.92		
T	25.49	26.95 5.72%	227755	1.04		
TAN	88.44	91.78 3.78%	12366	1.08		

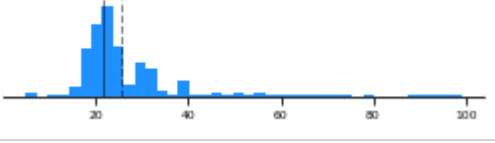
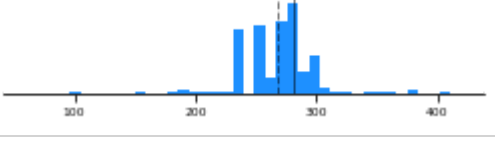
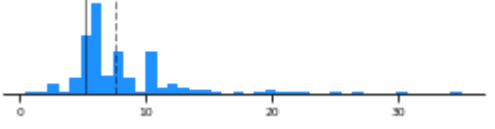
Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
TBT	18.26	18.98 3.94%	21406	1.46		
TDOC	137.79	141.22 2.49%	21231	0.67		
TECK	27.83	30.94 11.18%	15931	0.64		
TEVA	10.13	9.83 -3.00%	31570	0.74		
TGT	255.93	247.72 -3.21%	31320	0.74		
TIGR	8.66	11.52 32.99%	26176	0.93		
TJX	64.16	69.25 7.93%	21351	0.7		
TLRY	11.08	14.33 29.36%	171245	0.97		
TLT	144.13	143.32 -0.56%	143371	0.86		
TME	8.49	9.87 16.31%	18947	1.08		
TMUS	116.87	119.73 2.45%	22272	1.04		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
TNA	92.70	84.74 -8.59%	33235	0.67		
TQQQ	141.28	130.37 -7.72%	118955	1.08		
TRIP	34.04	33.47 -1.69%	7837	0.8		
TSLA	909.68	862.03 -5.24%	1414940	1.22		
TSM	114.23	109.07 -4.52%	77773	0.83		
TTCF	17.56	20.69 17.82%	7574	0.79		
TTD	73.96	78.7 6.41%	38376	1.89		
TTM	32.27	28.04 -13.12%	8416	0.7		
TTWO	180.75	174.5 -3.46%	6799	0.91		
TWLO	358.19	326.02 -8.98%	14359	1.29		
TWTR	62.24	66.39 6.67%	90485	1.57		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
TXN	199.07	193.33 -2.88%	9682	1.06		
TZA	27.23	30.97 13.74%	9706	0.85		
U	143.85	150.47 4.60%	8072	0.67		
UA	17.92	18.39 2.63%	5294	0.54		
UAA	20.68	21.84 5.62%	11881	0.67		
UAL	46.73	48.36 3.48%	82872	0.77		
UBER	45.51	49.53 8.84%	122298	0.78		
ULTA	371.45	366.38 -1.37%	16276	1.17		
UMC	10.25	11.28 10.02%	7133	0.82		
UNG	18.38	21.62 17.62%	35617	1.02		
UNH	449.16	424.94 -5.39%	20111	1.08		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
UNIT	14.31	14.61 2.11%	5988	1.6		
UNP	237.59	234.29 -1.39%	8832	1.25		
UPRO	133.22	123.13 -7.57%	6043	0.98		
UPS	203.81	199.98 -1.88%	26898	1.36		
UPST	342.56	362.3 5.76%	109459	0.72		
URA	28.32	26.15 -7.64%	24376	0.89		
USB	62.74	62.76 0.03%	10033	1.01		
USO	58.03	56.1 -3.32%	45865	0.71		
UUP	25.12	24.95 -0.67%	5541	0.49		
UUUU	8.50	8.66 1.92%	11797	0.63		
UVXY	16.78	21.51 28.17%	160293	1.09		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
UWMC	6.98	8.4 20.33%	7955	0.54		
V	231.23	232.22 0.43%	51636	0.53		
VALE	13.52	13.71 1.43%	51144	1.39		
VFC	70.74	73.99 4.59%	11011	2.38		
VIAC	37.51	41.99 11.95%	80260	1.36		
VIPS	12.46	16.07 28.96%	8983	0.54		
VLO	80.99	78.94 -2.53%	9911	1.05		
VMW	167.06	172.47 3.24%	12120	1.48		
VOD	15.48	16.66 7.64%	20007	0.9		
VRTX	183.52	215.77 17.58%	5665	1.13		
VST	19.11	18.34 -4.02%	11525	0.7		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
VTRS	13.94	13.98 0.28%	8330	0.52		
VXRT	6.74	8.06 19.52%	5850	0.84		
VXX	21.70	25.77 18.76%	195406	1.1		
VZ	52.93	53.67 1.40%	123530	0.96		
W	236.47	239.92 1.46%	9542	0.95		
WBA	49.00	51.37 4.83%	55548	0.95		
WDAY	280.79	268.23 -4.47%	5161	0.68		
WDC	57.05	59.28 3.92%	15704	0.94		
WFC	50.66	47.77 -5.71%	181201	0.81		
WHR	213.44	195.11 -8.59%	5295	4.19		
WISH	5.20	7.61 46.34%	197550	1.06		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
WKHS top 3	6.29	10.09 60.35%	52632	1.46		
WMB	28.65	27.96 -2.41%	7531	1.32		
WMT	148.34	148.54 0.13%	83786	0.98		
WOOF	23.68	28.12 18.75%	5934	0.92		
WPM	41.37	41.87 1.20%	5639	0.91		
WYNN	89.10	96.56 8.37%	31019	0.57		
X	22.88	24.17 5.65%	101308	1.29		
XBI	124.18	125.13 0.77%	36766	1.38		
XLB	84.83	78.93 -6.95%	8572	0.87		
XLC	80.38	82.61 2.77%	5235	0.69		
XLE	57.95	57.9 -0.09%	154626	0.72		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
XLF	40.62	39.4 -3.01%	206657	0.86		
XLI	104.80	104.42 -0.36%	20063	0.84		
XLK	158.41	149.65 -5.53%	25304	0.73		
XLNX	172.59	161.11 -6.65%	6425	0.71		
XLP	71.29	70.37 -1.30%	6068	0.91		
XLU	67.25	65.68 -2.33%	24666	0.86		
XLV	131.67	127.94 -2.83%	17136	0.76		
XLY	192.75	190.27 -1.29%	11268	0.83		
XME	44.50	45.1 1.34%	11337	0.67		
XOM	63.12	61.29 -2.90%	90869	0.7		
XOP	107.58	106.06 -1.41%	56250	1.1		

Ticker	Stock Price	Center of Mass	Total Volume	Volume Power	CoM Trend	Volume by Strike
XP	33.64	36.63 8.89%	8851	2.96		
XPEV	43.14	47.98 11.22%	53841	0.83		
XRT	94.48	90.21 -4.52%	11648	0.59		
YINN	12.85	13.69 6.53%	6503	0.86		
Z	92.21	93.52 1.42%	32919	0.81		
ZIM	49.50	58.77 18.73%	19086	0.52		
ZM	277.58	300.29 8.18%	50042	0.77		
ZNGA	7.38	7.63 3.34%	37161	0.89		
ZS	307.87	281.6 -8.53%	12415	0.59		