# Trade A.I.

# **Options Trade Analyzer**

**Competitive Advantage in Options Trading** 



quote	emed	lia												Opti	on Matri
		Date R	eal Time	Symb	ol MSF	T Nu	umber of St	trikes 20	<b>V</b>	Probabilit	y	Sho	w Options		
MSFT (Mi	crosoft C	orporatio	n) 📤								Frid	lay, 10/11/1	9 Time: 16	:00:00 ES	Т
Closing Pr	Closing Price: \$139.68 Change: ▲\$0.58														
Implied Vo	olatility: 21	% Chan	ge: 🔻 (-4.6	88%)	4										
Implied Vo	olatility for	Oct. 18 Ex	p.: 17.479	%											
Expiration	Date: 10	0/18/2019 (7	Days to E	xpiration) N	1 -										
%ITM %OTM	Yield to Strike	Annual Yield	IV Skew	Optio Bid	n Price Ask	Build Trade	Exp Month	Strike Price	Build Trade	Opti Bid	on Price Ask	%ITM %ОТМ	Yield to Strike	Annual Yield	IV Skew
6.93	-0.25	-12.08	35.94	8.80	9.90	•	Oct. 18	130.00	•	0.06	0.12	-6.93	0.07	3.66	29.68
6.21	0.08	4.20	27.17	7.55	10.00		Oct. 18	131.00	•	0.07	0.16	-6.21	0.09	4.74	28.42
5.50	0.05	2.60	23.1	6.90	8.60	•	Oct. 18	132.00	•	0.10	0.32	-5.50	0.16	8.57	29.5
4.78	0.29	16.06	31.57	6.05	8.10		Oct. 18	133.00	•	0.15	0.59	-4.78	0.28	15.47	31.02
4.07	0.26	14.29	26.96	5.00	7.05	•	Oct. 18	134.00	•	0.19	0.28	-4.07	0.18	9.69	24.14
3.35	-0.11	-5.50	25.19	3.95	5.10		Oct. 18	135.00		0.25	0.33	-3.35	0.21	11.39	22.34
2.63	0.33	18.46	22.03	3.90	4.35	•	Oct. 18	136.00	•	0.36	0.65	-2.63	0.38	21.54	23.24
1.92	0.65	39.54	25.33	2.63	4.50		Oct. 18	137.00	•	0.50	0.65	-1.92	0.42	24.05	20.47
Select i	f vou wan	t to Buy/Se	ell Stock		Analya	ze Trade									
OCICCI I	r you wan	t to bujiot	m otock		Alluly	ec made									

# **Options Trade Analyzer**

Paralysis of analysis is likely to occur when investing or trading without the right tools.

Human nature is to use probability to determine tolerance levels for decision making. We shape our daily experiences by calculating the probability of a certain outcome occurring in our favor. Our experiences are subconsciously created from our brain collecting statistic of historical events and then based decision by weighing the options and probability of them happening.

In trading, traders are always forced to make decisions to either enter a new trade or exit an existing one.



Trading, based on your personal risk management criteria, is critical to overall long-run profitability.

Probability and tolerance levels are key elements in defining our behavior. Now, wouldn't it be nice to have an application that provides you with a probability value that enables you to make the decision that is "right-for-you"?

Our platform allows traders to receive comprehensive probability analysis and make trade decisions based on calculated risk assessments using each individual trader's criteria.

## **Options Trade Analyzer**

Traders can now rely less on the commonly used "one-size-fits-all" analysis method. After seeing the advantages, it will become apparent that our new Historical, Stress Test and Technical Analysis Probabilities provide much less risk.

# HISTORICAL PROBABILITY

Takes into consideration the direction of the underlying moves and reflects the specificity of each underlying historical behavior.

# STRESS TEST PROBABILITY

Utilizes the magnitude of the historical movements without taking into consideration direction of that move.

# TECHNICAL ANALYSIS PROBABILITY

Uses our new methodology of converting Technical Analysis Indicators into Probability values.

## **Options Trade Analyzer**

Options Trade Analyzer comprise of several tools that will satisfy traders of all different stripes.



Scans the market in real-time and provides several lists of ideas to help traders with starting points to help find profitable trades.

A trader has the ability to build and analyze any multi-leg trades by selecting Buy/Sell on the Option Matrix.



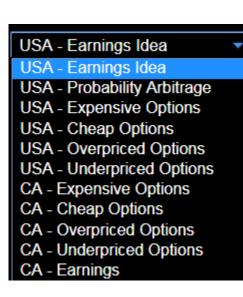
For Covered Call / Put writers, who want to create cash flow out of an existing stock portfolio and simultaneously not be called out of their positions, comprehensive probability analysis for each individual strike, using the Probability Matrix, is imperative.

#### **Trading Ideas: Overview**

#### The Starting Point in Building Your Options Trade

There are over 4000 optionable stocks that provide traders access to generate millions of options trades. With all of these opportunities, most options traders have a real challenge in finding the right trades.

The Trading Ideas analysis helps to solve this problem



#### **Earnings Ideas**

1

Scans through all optionable stocks that have approaching earnings announcements, and builds options trades that have a high probability of success, and a high expectation of profit.

#### **Probability Arbitrage**

2

Probability Arbitrage is a method that takes into account discrepancies between the most commonly used probability type, Theoretical Probability (which is based on the assumption that the underlying asset has a Normal distribution) and our newly introduced... **Historical and Stress Test Probabilities**.

#### **Expensive / Cheap Options**

3

Implied Volatility is playing a major role in defining option price. Grows in Implied volatility usually results in increase in option price, but absolute value of the Implied volatility does not indicate that options for the particular stocks are expensive or cheap.

For example if price of the gasoline during the previous let's say 30 days was around \$2 per gallon and today it is \$3, you would say that gasoline today is expensive.

On the other hand if the price of the certain car model was \$30,000 and today it drops to \$25,000, you would agree that this car is cheap today.

So Expensive / Cheap usually represent not absolute value of the price, but its relative reading vs. historical pricing.

To define Expensive/Cheap options we are looking into 100 days Implied volatility percentile.

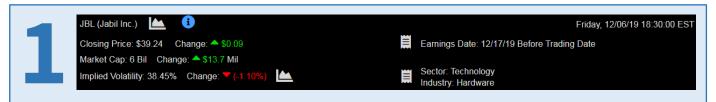
#### **Overpriced / Underpriced Options**

4

Defined by the ratio between Implied and 20 days Historical volatilities. If Implied volatility is higher than Historical then option is considered Overpriced and Cheap if Implied volatility is lower than Historical.

## **Trading Ideas: Areas of Analysis**

By clicking on a stock symbol from the lists of Trading Ideas or entering stock symbol directly into the Symbol field trader getting several areas of analysis that can help to determine view on a market and based on this view select appropriate option strategy.



Provides pricing information as well as Implied volatility, Earnings, Dividends and ability to access charting, Sector and Industry reports.



# ANALYSIS

Provides rating of past behavior and future predictions.



# OPTIONS SENTIMENT

Provides thorough implied volatility and volume analysis for the options market.

#### **Trading Ideas: Option Strategies**

4

Viev	w	Trade	Credit	Success Rate	Expected P/L	Action
BULLISH	<b>1</b>	Sell Dec.20 38.5 Put	1.10	75	0.47	* Trade
BULLISH	<b>↑</b>	Sell Dec.20 38.5 Put Buy Dec.20 33.5 Put	0.95	73	0.32	* Trade
BEARISH	<b>4</b>	Sell Dec.20 40 Call Buy Dec.20 45 Call	1.05	70	0.36	Trade

Option trades are built for the different perceptions of the future underlying asset behavior.

#### Strategies to consider depending on what you anticipate:

Short Put or Put Credit Spread

Anticipate a Stock Going Up

Anticipate a Stock Going Down

Call Credit Spreads

**Anticipate Stock in a Certain Price Range** 

Iron Condor

#### **Trading Ideas: Success Rate**

Viev	W	Trade	Credit	Success Rate	Expected P/L	Action
BULLISH	<b>1</b>	Sell Dec.20 38.5 Put	1.10	75	0.47	Trade
BULLISH	<b>↑</b>	Sell Dec.20 38.5 Put Buy Dec.20 33.5 Put	0.95	73	0.32	* Trade
BEARISH	<b>+</b>	Sell Dec.20 40 Call Buy Dec.20 45 Call	1.05	70	0.36	* Trade

Success Rate that we are providing in options trade analysis depicts multi-prong approach in assessing probability and mitigating risk.

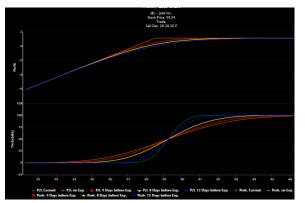
To drill in on its value hover mouse over to see all components of Success Rate value.

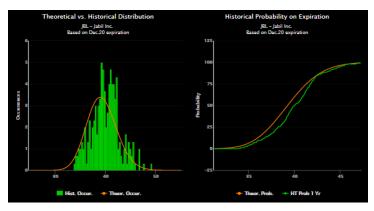
Probability	of Profit
Normal Distribution	77.48%
Short Historical	83.6%
Short Stress Test	47.2%
Long Historical	83.76%
Long Stress Test	60.56%
RSI	80% 🗠
SO SO	76.56%
PPO	85.63%
Earnings	70.83%

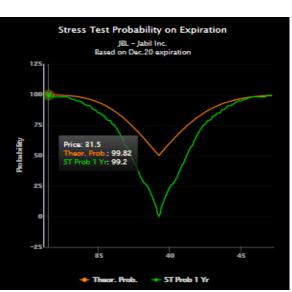
None of these probabilities are better than another.
Yet, if they are all lined up, then it is giving you a competitive advantage through a more comprehensive view on your risk assessment.

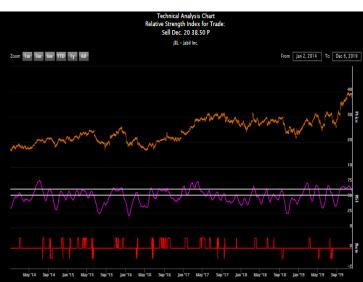
You can visualize probability by clicking on its values.

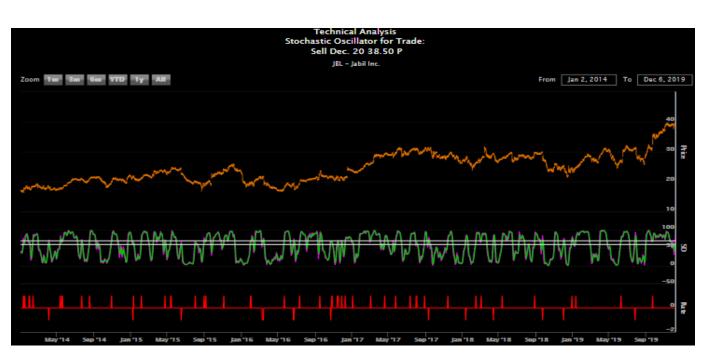
# **Trading Ideas: Probability Visualization**











## **Trading Ideas: Stock Fundamentals**

With this application, traders are continuously analyzing individual stocks to understand behavior trends over time. The drill down analytic capability and charting offered is unparalleled to any other platform in the industry.

To get comprehensive Stock Fundamentals, hover over this icon



JSA -	Earnings Idea	JBL (Jabil Inc.)			
osin	STOCK FUNDAMENTALS				
.1	DESCRIPTION	VALUE	AS OF DATE	DESCRIPTION	VALUE
Syr	Latest fiscal revenue	25.3 Bil	2019-08-31	Gross margin	7.1
LU	Latest fiscal EPS	1.81	2019-08-31	EBIT margin	1.9
TL	Revenue	18.8 Bil	TTM	EBITDA margin	5.1
ΑE	Revenue per share	122.99543	TTM	Pre-tax profit margin	1.9
ΑV	Return on equity	14.96	TTM	Long Term Debt Capital Ratio	0.53
CI	Return on capital	5.61	TTM	Total debt to equity	1.32
CC	Return on assets	2.3	TTM	P/E ratio	21.7
F	Short percentage of float	3.4	2019-11-15	Price to sales	0.31903625
-				Price to book	3.17
J				Price to tangible book	5.94
N				Price to free cash	18.7
A	COMPANY INFO				
ML				ding manufacturing services and solu	
N				anagement services to companies in	
AF				cs Manufacturing Services (EMS) seg	
N	the key revenue driver, is foo	cused around le	veraging IT, sup	ply chain design and engineering, te	chnologies largely
	centered on core electronics.	The Diversified	Manufacturing S	Services (DMS) segment is focused o	n providing
	engineering solutions, with a				

Hovering over certain fields allows also to get Help tips.

Expected Profit / Loss of the trade	ected P/L
calculated as each potential Profit / Loss generated by this trade,	0.47
weighted by the probability of it happening. For more click here	0.32

#### **Trading Ideas: Stock Trend**

With our analysis, we have applied the new methodology that converts trend analysis indicators into functional probability values that leads to a simple rating system.

Now traders can improve their risk management capabilities using this intuitive rating system.

Using the drill down capability traders can continuously analyze individual stocks to understand behavior trends over time.

Provided information is unparalleled to any other platform.





Additional information regarding strength of trend is found in the **Past section**, when hovering over the various time periods.

Probability of the Up move is predicted in the **Future section**. It also provides individual probabilities that explains the resulting probability.

# **Trading Ideas: Options Sentiment**

Incorporating options volatility and volume analysis allows traders to wear binoculars as they assess stocks with the added view of the **Options Sentiment**.



For an in-depth analysis, hover over the time bar for the Put/Call Implied Volatility, Volume, and Open Interest Ratios. Each ratio is calculated using the expiration month correlated with the bar. With an options market view on future behavior, traders benefit from having a comprehensive understanding of possible future movements of the underlying asset.

## **Trading Ideas: Sector and Industry**

To get Sector and Industry analysis click on

	Sector: Technology
$\overline{}$	Industry: Hardware

SECTOR	Technology					INDUSTR	Y Hardware	€		
Symbol	Price	Stock Rate	Option Sentiment	Overall Rate		Symbol	Price	Stock Rate	Option Sentiment	Overall Rate
AAPL	265.58	4	5	5		AAPL	265.58	4	5	5
AMAT	55.84	4	5	5		KEYS	100.77	4	5	5
ENTG	46.28	4	5	5		VIAV	14.93	4	5	5
GIB	82.56	4	5	5	Ш	AEIS	62.75	4	4	4
KEYS	100.77	4	5	5		APH	102.98	4	4	4
MSFT	149.93	4	5	5		ARW	81.16	3	5	4
NVDA	209.42	4	5	5		AUDC	24.46	4	4	4
VIAV	14.93	4	5	5		BELFB	16.95	3	4	4
ACIW	36.15	4	4	4		BHE	34.79	4	5	4
ACLS	22.3	3	5	4	-	CGNX	49.97	3	4	4

By clicking on a single stock symbol in these tables, traders can access the full analysis of that particular stock.

To obtain Earnings Report click on



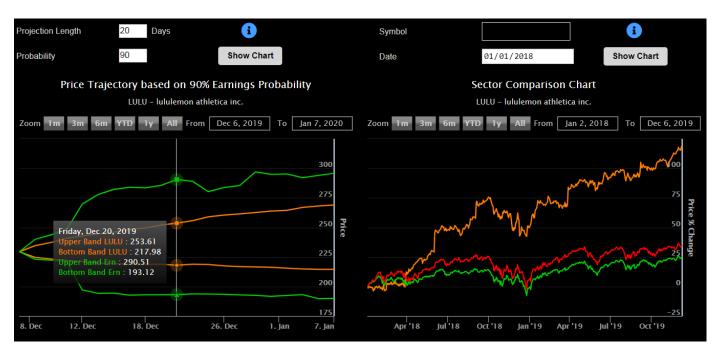
	Ear	nings Per sha	are	Earnings	s Change	Earnings
Date	Expected	Actual	Surprise	Price	Volume	Period
03/19/14	0.02	0.03	50%	-2.85%	89.02%	Q2 2014
06/18/14	-0.15	-0.12	20%	2.64%	37.38%	Q3 2014
09/24/14	-0.07	0.04	157.14%	-2.21%	81.14%	Q4 2014
12/17/14	0.4	0.46	15%	4.43%	89.46%	Q1 2015
03/18/15	0.37	0.43	16.22%	3.09%	152.26%	Q2 2015
06/17/15	0.39	0.39	0%	-7.44%	211.53%	Q3 2015
09/24/15	0.35	0.48	37.14%	12.21%	236.92%	Q4 2015
12/16/15	0.7	0.72	2.86%	-1.13%	1.55%	Q1 2016
03/16/16	0.52	0.46	-11.54%	-10.61%	263.65%	Q2 2016
06/15/16	0.05	0.1	100%	1.9%	80.4%	Q3 2016
09/21/16	0.16	0.28	75%	-5.6%	94.15%	Q4 2016
12/15/16	0.58	0.69	18.97%	11.96%	389.26%	Q1 2017
03/15/17	0.36	0.4	11.11%	4.74%	123.49%	Q2 2017
06/14/17	0.22	0.21	-4.55%	-3.89%	31.92%	Q3 2017
09/27/17	0.54	0.56	3.7%	3.85%	46.54%	Q4 2017
12/14/17	0.73	0.51	-30.14%	-3.79%	85.63%	Q1 2018
03/15/18	0.55	0.57	3.64%	10.11%	221.52%	Q2 2018
06/14/18	0.36	0.38	5.56%	-6.51%	308.07%	Q3 2018
09/25/18	0.59	0.63	6.78%	-7.25%	198.1%	Q4 2018
12/18/18	0.69	0.84	21.74%	6.93%	74.43%	Q1 2019
03/14/19	0.49	0.43	-12.24%	-0.9%	-12.66%	Q2 2019
06/18/19	0.39	0.28	-28.21%	10.25%	164.54%	Q3 2019
09/24/19	0.69	0.34	-50.72%	4.85%	70.53%	Q4 2019

## **Trading Ideas: Charting**

To access charts click on the chart icon:

LULU (lululemon athletica inc.)





#### **Price Trajectory Chart**

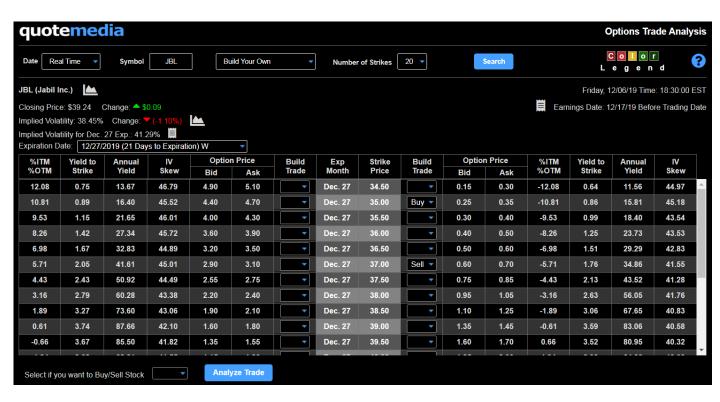
This depicts by default day-byday 90% projections of the stock price not reaching the Upper or Bottom band.

#### **Sector Comparison Chart**

This chart depicts the percent growth of an individual stock compared to its industry and sector.

In the Price Trajectory Chart, a stock with its earnings date in the near future is based on earnings historical readings. While a stock with earning that are not in the near future, is based on ranges of historical readings.

If a trader wants to customize the option trade presented in **Trading Ideas** section based on one's own risk tolerance level and preferred timeframe, the **Build Your Own** tool can be used.

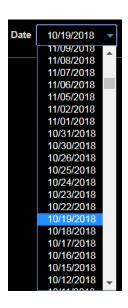


A trader has the ability to build and analyze any multi-leg trades by selecting Buy/Sell in the Option Matrix.

The results table facilities a trade analysis for the trader using multiple probabilities for better comprehension of the risk associated with the trade.

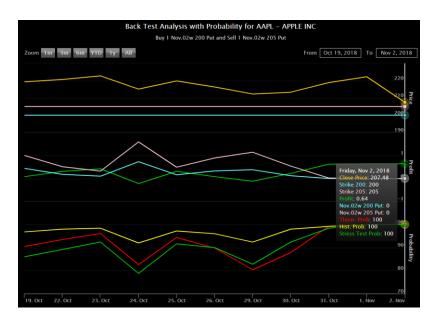
					Pro	bability of Pr	ofit				
Trade	Credit	Normal	Short Hist	Short ST	Long Hist	Long ST	RSI	so	PPO	Earn Prob	Trade
Buy Dec.27w 35.00 Put Sell Dec.27w 37.00 Put	0.25	80.8	84.4	46	87.04	66.64	82.67	82.35	78.71	74.07	La Chart

The **Build Your Own** tool also has a very valuable educational feature called **Time Machine**. This feature allows a trader to select a date from the day-by-day historical options database (with 10 years of history) build a trade and then analyze it.



Date 10/	19/2018 🔻	Symbol	AAPL	В	ild Your Own		Number	of Strikes	20 🔻		Search			egen	
APL (APP	LEINC)	<u> </u>												Date: F	riday, 10/
osing Price	e: \$219.31	Change: -	\$3.29										Ė	Earnings	Date: 11/
plied Vola	tility: 32.47%	Change:													
		02 Exp.: 38.1		on) W	<b>~</b> ]										
%ITM	Yield to	Annual	IV		n Price	Build	Exp	Strike	Build	Optio	n Price	%ІТМ	Yield to	Annual	IV
%ОТМ	Strike	Yield	Skew	Bid	Ask	Trade	Month	Price	Trade	Bid	Ask	%ОТМ	Strike	Yield	Skew
11.08	0.57	15.74	49.58	25.00	25.85	•	Nov. 02	195.00	_	0.87	0.96	-11.08	0.47	12.81	47.09
9.94	0.64	17.83	47.39	22.85	23.30		Nov. 02	197.50		1.09	1.85	-9.94	0.74	20.87	49.89
8.80	0.77	21.80	46.24	20.65	21.05	_	Nov. 02	200.00	Buy 🕶	1.36	1.44	-8.80	0.70	19.65	44.96
7.66	0.92	26.55	45.03	18.45	18.90		Nov. 02	202.50	-	1.67	1.78	-7.66	0.85	24.31	43.90
6.53	1.11	32.82	43.92	16.40	16.75	•	Nov. 02	205.00	Sell 🔻	2.08	2.16	-6.53	1.03	30.15	42.86
5.39	1.34	40.82	43.22	14.45	14.75	•	Nov. 02	207.50	-	2.57	2.70	-5.39	1.27	38.34	42.13
4.25	1.60	50.41	42.08	12.55	12.80	-	Nov. 02	210.00	-	3.10	3.25	-4.25	1.51	47.02	40.90
3.11	1.92	63.07	41.27	10.80	11.00	•	Nov. 02	212.50	•	3.80	3.95	-3.11	1.83	59.41	40.01
1.97	2.27	78.10	40.08	9.10	9.25	-	Nov. 02	215.00	-	4.60	4.75	-1.97	2.18	74.12	39.00
0.83	2.68	97.40	39.10	7.55	7.70	•	Nov. 02	217.50	•	5.50	5.75	-0.83	2.59	93.00	38.09
-0.31	2.86	106.50	38.64	6.15	6.45	<b>-</b>	Nov. 02	220.00	<b>-</b>	6.60	6.80	0.31	2.73	99.89	37.06

					Pro	bability of Pr	ofit			
Trade	Credit	Normal	Short Hist	Short ST	Long Hist	Long ST	RSI	so	PPO	Earn Prob
Buy Nov.02w 200.00 Put Sell Nov.02w 205.00 Put	0.64	90.55	96.8	84.8	95.84	86.96	92.52	90.32	91.38	90.2

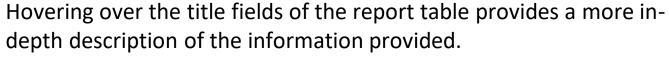


Back test analysis chart depicts your trade from inception till expiration. Trader can view day-by-day stock and options closing prices, daily profit and probability values. This provides invaluable opportunity to learn how to manage your trade.

In **Build Your Own** and **Probability Matrix** tools, the trader can also click on the following area to get a comprehensive Options

Implied Volatility for Dec. 20 Exp.: 106.91%

Overview Report.



							(	Options	Overvi	ew Rep	ort									
Expiration			Calls									Puts								
	Days	Expiration		Annual			Open	Open Int Skew		ew	Expiration		Annual			Open	Open Int Skew			
		IV	Yield	Yield	Theta	Volume	Interest	Avg. Price	%ІТМ		Interest :	Skew	%ITM de		Volume	Interest	Avg. Price	%ITM	IV	
02/14/2020	4	30.67	0.88	124.70	0.48	84014	110323	3.21	-4.25	strike	is in-the-m lated as an	noney.			65366	98050	2.10	-7.23	73.91	
02/21/2020	11	26.36	1.41	58.38	0.26	26574	300696	4.01	-11.51	each	option weig ption strike	hted b	y percent	tage	19949	300896	1.77	-18.51	87.16	
02/28/2020	18	26.10	1.88	45.37	0.20	5378	27919	6.07	-4.32	then	normalized	by a to	tal open	•	3842	29613	2.94	-8.73	44.78	
03/06/2020	25	26.65	2.35	39.73	0.18	2833	13647	7.03	-3.93		est for this r indicates %				1776	13232	3.48	-9.71	43.49	
03/13/2020	32	26.44	2.69	34.80	0.16	2273	5470	7.99	-3.49		ge option s				1663	5465	4.45	-6.72	33.84	
03/20/2020	39	26.36	2.61	26.99	0.14	7232	297468	17.95	-6.34	or wh	ere most of ed - in or ou	f the be	etting is		5146	242519	4.36	-16.05	53.99	
03/27/2020	46	26.24	3.27	28.70	0.13	2209	1632	6.71	-5.68	29.93	24.90	3.10			723	969	6.77	-7.16	35.87	
04/17/2020	67	26.09	3.61	21.04	0.11	4728	170818	19.71	-7.21	52.76	24.46	3.46	20.05	0.10	2474	149106	5.47	-16.39	45.40	
06/19/2020	130	27.03	5.57	16.20	0.08	4800	176091	62.79	13.46	52.84	25.77	5.38	15.61	0.07	1742	203582	3.74	-35.87	56.52	
07/17/2020	158	26.79	6.16	14.60	0.07	8722	53253	34.63	-0.05	41.35	25.23	5.86	13.85	0.07	458	34938	8.08	-16.22	34.29	
09/18/2020	221	27.31	7.60	12.68	0.06	690	65448	49.67	4.48	43.48	25.80	7.22	12.03	0.06	291	56818	5.74	-31.95	43.83	
12/18/2020	312	27.58	9.30	10.81	0.05	468	3814	70.48	12.77	42.98	26.04	8.79	10.20	0.05	12	1238	14.79	-16.31	32.49	
01/15/2021	340	27.64	8.95	9.50	0.05	2478	247098	88.22	19.59	46.15	25.87	8.45	8.97	0.05	1764	229186	4.97	-41.78	44.24	
06/18/2021	494	27.68	11.13	7.99	0.04	321	43940	93.85	21.32	40.20	25.89	10.45	7.51	0.04	132	41603	6.80	-41.42	39.84	
09/17/2021	585	27.84	12.33	7.42	0.04	37	6795	65.60	5.39	36.13	25.66	11.36	6.84	0.03	14	3756	15.72	-33.01	40.00	
01/21/2022	711	27.81	13.74	6.74	0.03	298	35696	71.24	5.90	35.64	25.51	12.55	6.17	0.03	25	24284	12.28	-35.14	34.70	
06/17/2022	858	27.52	15.09	6.07	0.03	256	12270	55.23	-3.94	30.82	25.28	13.76	5.56	0.03	33	2886	30.67	-17.09	30.58	

This report helps to get a better understanding of how very important options characteristics such as implied volatility, yield to strike price, theta and volumes are skewed through all expiration months. This helps traders to select an expiration month to build their trade.

Our proprietary indicators of "Open Interest Skew" allow one to immediately see how option traders view the market and where the most betting in options trading for each month is concentrated.

To dive in and get more information out of the different fields in this table user can hover over them.

Options Overview Report																				
		Calls										Puts								
Expiration	Days	Expiration		Annual			Open	Op	en Int Sk	ew	Expiration		Annual			Open	Op	en Int Sk	ew	
		IV	Yield	Yield	Theta	Volume	Interest	Avg. Price	%ІТМ	IV	IV	Yield	Yield	Theta	Volume	Interest	Avg. Price	%ІТМ	IV	
02/14/2020	4	30.67	0.88	124.70	0.48	84014	110323	3.21	-4.25	60.82	30.04	0.92	129.98	0.48	65366	98050	2.10	-7.23	73.91	
02/21/2020	11	26.36	1.41	58.38	0.26	26574	300696	4.01	-11.51	69.13	25.59	1.42	58.94	0.25	19949	300896	1.77	-18.51	87.16	
02/28/2020	18	26.10	1.88	45.37	0.20	5378	27919	6.07	-4.32	40.43	25.17	1.87	44.89	0.19	3842	29613	2.94	-8.73	44.78	
03/06/2020	25	26.65	2.35	39.73	0.18	2833	13647	7.03	-3.93	36.13	25.64	2.31	39.00	0.17	1776	13232	3.48	-9.71	43.49	
03/13/2020	32	26.44	2.69	34.80	0.16	2273	5470	7.99	-3.49	33.29	25.27	2.61	33.69	0.15	1663	5465	4.45	-6.72	33.84	
03/20/2020	39	26.36	2.61	26.99	0.14	7232	297468	17.95	-6.34	62.56	25.11	2.57	26.50	0.13	5146	242519	4.36	-16.05	53.99	

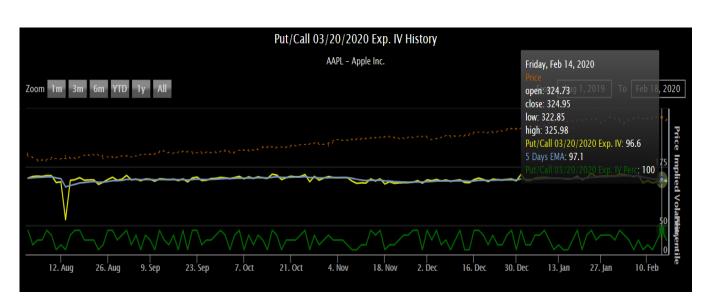
Expiration: 03/20/202	20
Previous Exp. IV	25.94
Change	0.42
2 Weeks MIN Exp. IV	23.03
2 Weeks MAX Exp. IV	28.97
2 Weeks Percentile	70.00
Chart 🔼	

	$\longrightarrow$
Expiration: 03/20/20	)20
Previous Open Interest	303474
Change	-6006
2 Weeks MIN Open Int.	277643
2 Weeks MAX Open Int.	312131
2 Weeks Percentile	60.00
Chart 🗠	



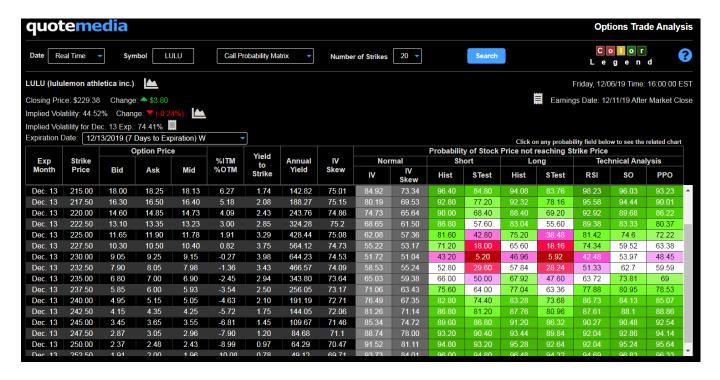
**Options Sentiment Overview Report** provides unique information on how options market see future stock performance.

				Options Sent	iment Overview R	eport							
		Put \ Call Ratio in % value											
Expiration	Days	Expiration IV		Yield	Theta	Theta Volume		Open Int IV Skew					
02/21/2020	3 97.94			107.84	102.38	73.50	127.13						
02/28/2020	10	97.51		103.54	100.00	71.31	117.32	112.4	1				
03/06/2020	17	96.54		100.61	100.00	115.83	105.32	122.65					
03/13/2020	24	95.84		99.50	100.00	70.11	86.19	110.6	60				
03/20/2020	95.33			100.00	100.00	81.15 86.71		83.04					
03/27/2020	7/2020 38 95.45			98.13	92.31	114.28	85.52	114.77					
04/03/2020	45	94.61		96.30	91.67	52.90	182.76	156.2	25				
04/17/2020	59	93.50		96.12	90.91	93.57	87.92	85.54	4				
	Expiration	n: 03/27/20	)20	ı		Expiration	on: 03/27/20	20					
Prev	ious IV rati	o	96.29			Previous Oper	86.60						
Char	nge		-0.84			Change		-1					
2 W	eeks MIN I\	/ ratio	94.11			2 Weeks MIN	0						
2 Weeks MAX IV ratio 10			102.59			2 Weeks MAX	86.60						
2 Weeks Percentile 57			57.14			2 Weeks Perce	100.00						
	Ch	nart 🔼					Chart 🔼						



#### **The Probability Matrix**

Combining a familiar option chain display with a unique multipronged view on probability not available elsewhere.



#### **Left Side**

Represents the option chain comprised of:

- Expiration Month
- Strike Price, Option Prices
- Additional data of interest for those selling calls against existing portfolios to improve their cash flow.

#### **Right Side**

Represents comprehensive probability analysis for each individual strike.

Each color-coded probability value relates to its correlated chart. To view the chart, click on the probability value.