Quintile Analysis Engine Report V3.2

Minimal guide provided below
→ See 'QAE Guide' for more details

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The **QAE Product** transforms 2 sets of cardinal daily metrics into ordinal **Q-Bands**, ranking and counting them across **Fixed Timeframes** using **Reverse Chronology**. The dataset is a closed 365/366-day historical envelope anchored to **Newest Date**. QAE processes 2 metric sets through 2 independent lenses: **M1 Baseline (BL)** and **M2 Reaction (RL).** QAE is strictly historical making yesterday the newest allowable date.

Metric 1 - M1 → Baseline Lens **◯BL =** Ranked by absolute state within the Complete One-Year Range

Metric 2 - M2 → Reaction Lens **Δ_RL =** Reshaped to Reaction Intensity from Prior State then Ranked abs 1yr range

All containers show identification badges for timeframes plus lens type with metric identity

Border colors indicate timeframes
1 Month | 3 Months | 6 Months | 1 Year | Distant 6M

Reserved space: Automated system status and integration details

QAE - Quintile Analysis Engine
LEADING EDGE PAGE
* Stock Market Skin *

REPORT TITLE: nVidia / NVDA / 2016 / NY / Metric 1 Volume / Metric 2 Close Price USD / EDT UTC -4hrs

Newest: Dec 31, 2016
Oldest: Jan 1, 2016
Newest Active Date: Dec 30, 2016

UTC-04:00 Atlantic Canada / Venezuela

QAE Timestamp: 2026-06-21 | 20:17:51

Day Count	Active Days	Participation
366	252	68.85%

◯_BL_M1 Baseline | 1 Year

Newest Active Dec 30, 2016 Volume
1,212,930,468
Peak
Consecutive Days (no direction) Peak = 12

Lowest Volume	Highest Volume
Mar 4, 2016	Dec 28, 2016
175,305,358	2,295,764,817

Baseline Lens Q-Band M1 Volume Cut-Offs

Weak | Up To - 279,930,053.00
Moderate | Up To - 330,825,757.00
Median | Up To - 396,636,636.00
Strong | Up To - 484,667,755.00
Peak | Up To - 2,295,764,817.00

Δ_RL_M2 Reaction | 1 Year

Newest Active Dec 30, 2016 Close Price USD % Change
4.300% = 2.67
Peak ▼
Consecutive Days Peak ▼ = 1 (no direction) Peak = 1

Lowest % Change	Highest % Change
Apr 26, 2016	Nov 11, 2016
0.001%	30.176%

Reaction Lens Q-Band M2 Close Price % Change Cut-Offs

Weak | Up To - 0.0051%
Moderate | Up To - 0.8918%
Median | Up To - 1.4249%
Strong | Up To - 2.3407%
Peak | Up To - 30.1758%

◯_BL_M1 Baseline & **Δ_RL_M2 Reaction** — Newest Historical Activity — 1 Year

Local History Q-Bands: M1 = Volume | M2 = Close Price % Change

Date	◯_BL_M1	Position	Δ_RL_M2
Dec 30, 2016	Peak	First Active Date	Peak ▼
Dec 29, 2016	Peak	2nd Active Date	Strong ▲
Dec 28, 2016	Peak	3rd	Peak ▼
Dec 27, 2016	Peak	4th	Peak ▲
Dec 23, 2016	Peak	5th	Strong ▲
Dec 22, 2016	Peak	6th	Median ▲
Dec 21, 2016	Peak	7th	Moderate ▲
Dec 20, 2016	Peak	8th	Peak ▲
Dec 19, 2016	Peak	9th	Median ▲
Dec 16, 2016	Peak	10th	Strong ▲

Peak - Volume M1

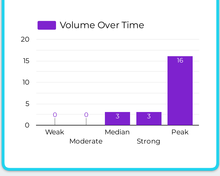
Peak List	Date_◯_BL...
1	Dec 30, 2016
2	Dec 29, 2016
3	Dec 28, 2016
4	Dec 27, 2016
5	Dec 23, 2016
6	Dec 22, 2016
7	Dec 21, 2016
8	Dec 20, 2016
9	Dec 19, 2016
10	Dec 16, 2016

Peak - Price % Change M2

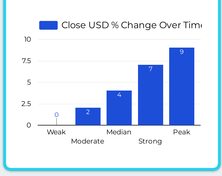
Peak List	Date_Δ_RL...
1	Dec 30, 2016
2	Dec 28, 2016
3	Dec 27, 2016
4	Dec 20, 2016
5	Dec 15, 2016
6	Dec 14, 2016
7	Dec 12, 2016
8	Dec 5, 2016
9	Dec 1, 2016
10	Nov 16, 2016

Q-Band Counts 5 Timeframes: M1 = Volume | | M2 = Close Price % Change plus Directional Polarity Bias

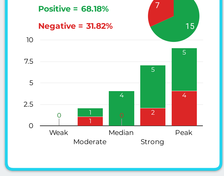
◯_BL_M1 Baseline | 1 Month



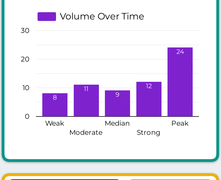
Δ_RL_M2 Reaction | 1 Month



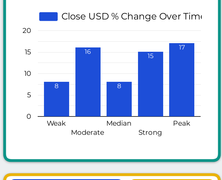
Δ_RL_M2 Direction ▲ ▼ | 1 Month



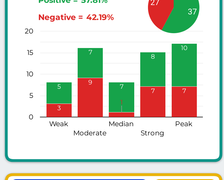
◯_BL_M1 Baseline | 3 Months



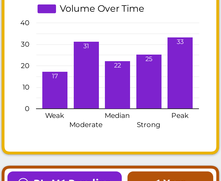
Δ_RL_M2 Reaction | 3 Months



Δ_RL_M2 Direction ▲ ▼ | 3 Months

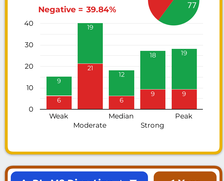


◯_BL_M1 Baseline | 6 Months

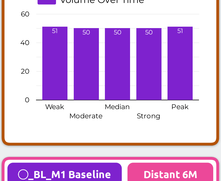


Δ_RL_M2 Reaction | 6 Months

Δ_RL_M2 Direction ▲ ▼ | 6 Months

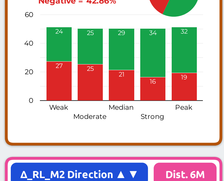


◯_BL_M1 Baseline | 1 Year

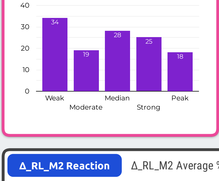


Δ_RL_M2 Reaction | 1 Year

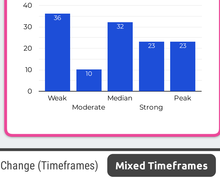
Δ_RL_M2 Direction ▲ ▼ | 1 Year



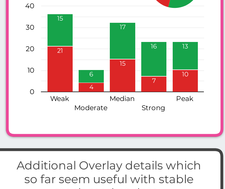
◯_BL_M1 Baseline | Distant 6M



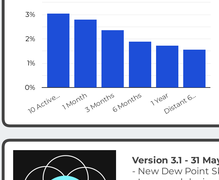
Δ_RL_M2 Reaction | Distant 6M



Δ_RL_M2 Direction ▲ ▼ | Dist. 6M



Δ_RL_M2 Reaction — Δ_RL_M2 Average % Change (Timeframes) — **Mixed Timeframes**



Timeframe Period	Average Reaction
10 Active Days	3.02%
1 Month	2.78%
3 Months	2.34%
6 Months	1.87%
1 Year	1.71%
Distant 6 Months	1.55%

Additional Overlay details which so far seem useful with stable stock market data.

Reshaped Metric Values showing the Reaction Intensity averages over different timeframes.

An Overlay of Reaction Intensity as %, not quantile ranked.

These are non-negative % values before Ordinal Ranking.

Version 3.1 - 31 May 2026
- New Dew Point Skin
- Improved decimal point handling in QAE Engine
- Added optional Random Micro Jitter (Multiplicative)
- Added optional Random Micro Jitter for Zeros (Additive)
- Added optional Ground Zero Constant Offset
- Corrected the Weak to Peak direction on heatmaps

Version 3.2 - 20 June 2026
- Reaction % primary container. Corrected the number rounding on the panel
- Minor adjustments

Quintile Analysis Engine Report V3.2

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Peak - Volume M1

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Peak - Price % Change M2

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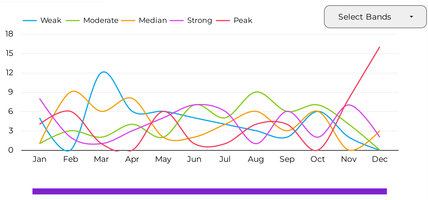
Monthly Q-Band Counts: ON-TOP M1 = Volume ---- BELOW M2 = Close Price USD % Change

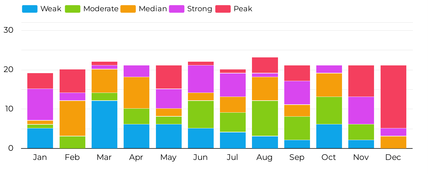
○_BL_M1 Baseline — Monthly Q-Band Volume Trajectory — 1 Year



○_BL_M1 Baseline — Monthly Q-Band Volume Dispersion — 1 Year

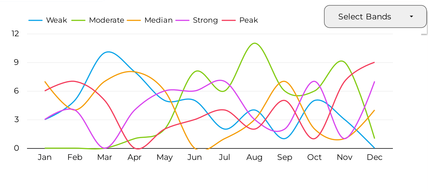
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Peak	4	6	1	0	6	1	1	4	4	0	8	10
Strong	8	2	1	3	5	7	6	1	6	2	7	2
Median	1	9	6	8	2	2	4	6	3	6	0	3
Moderate	1	3	2	4	2	7	5	9	6	7	4	0
Weak	5	0	12	6	6	5	4	3	2	6	2	0

○_BL_M1 Baseline — Monthly Q-Band Volume Proportions — 1 Year



These 3 barcharts / tables leftside are all from the same underlying M1 data-table which has indexed Q-Bands assigned to monthly buckets

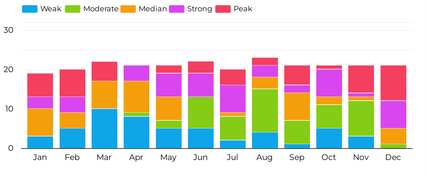
Δ_RL_M2 Reaction — Monthly Q-Band % Change Trajectory — 1 Year



Δ_RL_M2 Reaction — Monthly Q-Band % Change Dispersion — 1 Year

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Peak	6	7	5	0	2	3	4	2	5	1	7	9
Strong	3	4	0	4	6	6	7	3	2	7	1	7
Median	7	4	7	8	6	0	1	3	7	2	1	4
Moderate	0	0	0	1	2	8	6	11	6	6	9	1
Weak	3	5	10	8	5	5	2	4	1	5	3	0

Δ_RL_M2 Reaction — Monthly Q-Band % Change Proportions — 1 Year



These 3 barcharts / tables leftside are all from the same underlying M2 data-table which has indexed Q-Bands assigned to monthly buckets

The Directional Bias barchart is a separated polarity data-table

Δ_RL_M2 Direction ▲ ▼ — Monthly Reaction Directional Polarity — 1 Year