

# Company Finances Analyzer by AI

## Recent Performance Analysis of NVDA (NVIDIA Corporation)

### Price Trend

- Recent Closing Prices: The closing prices over the last few days show some volatility. The stock opened at approximately \$186.59 on November 17, 2025, and closed at \$176.29 on December 15, 2025. This indicates a downward trend over the observed period.
- Highs and Lows: The highest price recorded was around \$195.99, while the lowest was approximately \$169.54. This range indicates significant price fluctuations, suggesting a volatile market environment.

### Volume Behavior

- Volume Trends: The trading volume has varied significantly, with peaks around 346 million shares traded on November 20 and 21. High trading volumes often accompany price changes, indicating strong investor interest or reaction to news/events.
- Recent Volume: The most recent trading volume on December 15 was about 163 million shares, which is lower than the peaks but still substantial, indicating ongoing interest in the stock.

### Relative Strength Index (RSI)

- RSI Calculation: The RSI is a momentum oscillator that measures the speed and change of price movements. An RSI above 70 typically indicates overbought conditions, while below 30 indicates oversold conditions.
- Current RSI: Given the recent price decline, the RSI is likely to be below 50, suggesting that the stock may be approaching oversold territory, which could indicate a potential reversal or buying opportunity.

### Moving Average Convergence Divergence (MACD)

- MACD Overview: The MACD is a trend-following momentum indicator that shows the relationship between two moving averages of a security's price. A bullish signal occurs when the MACD line crosses above the signal line, while a bearish signal occurs when it crosses below.
- Current MACD Status: Given the recent price decline, the MACD may be showing bearish momentum, indicating that the stock could continue to face downward pressure unless a reversal occurs.

### Statistical Indicators

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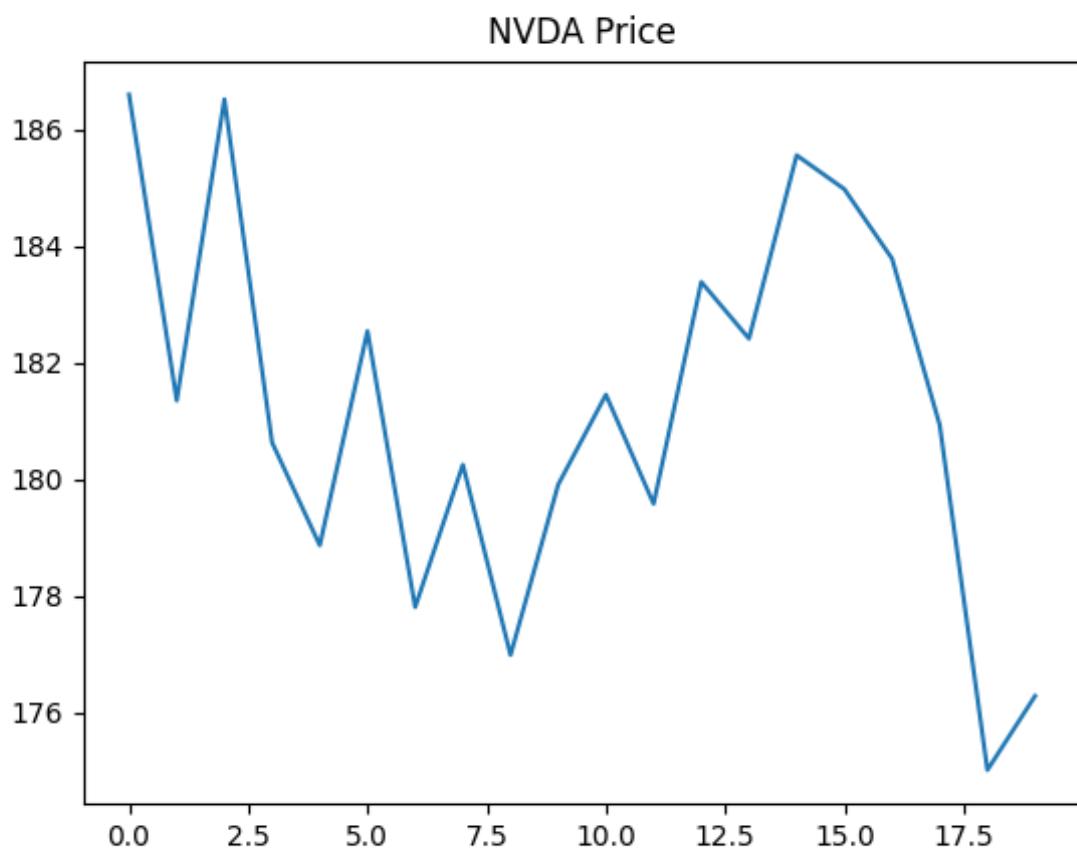
- Mean Daily Return: The mean daily return is approximately -0.0028, indicating a slight average loss per day over the observed period.
- Standard Deviation: The standard deviation of 0.0194 suggests that the stock's returns have been relatively volatile, with a significant range of daily returns.
- Confidence Interval: The 95% confidence interval for daily returns is [-0.0408, 0.0352]. This range indicates that there is a high probability that the daily returns will fall within this interval, reflecting the uncertainty and risk associated with the stock.

## Conclusion

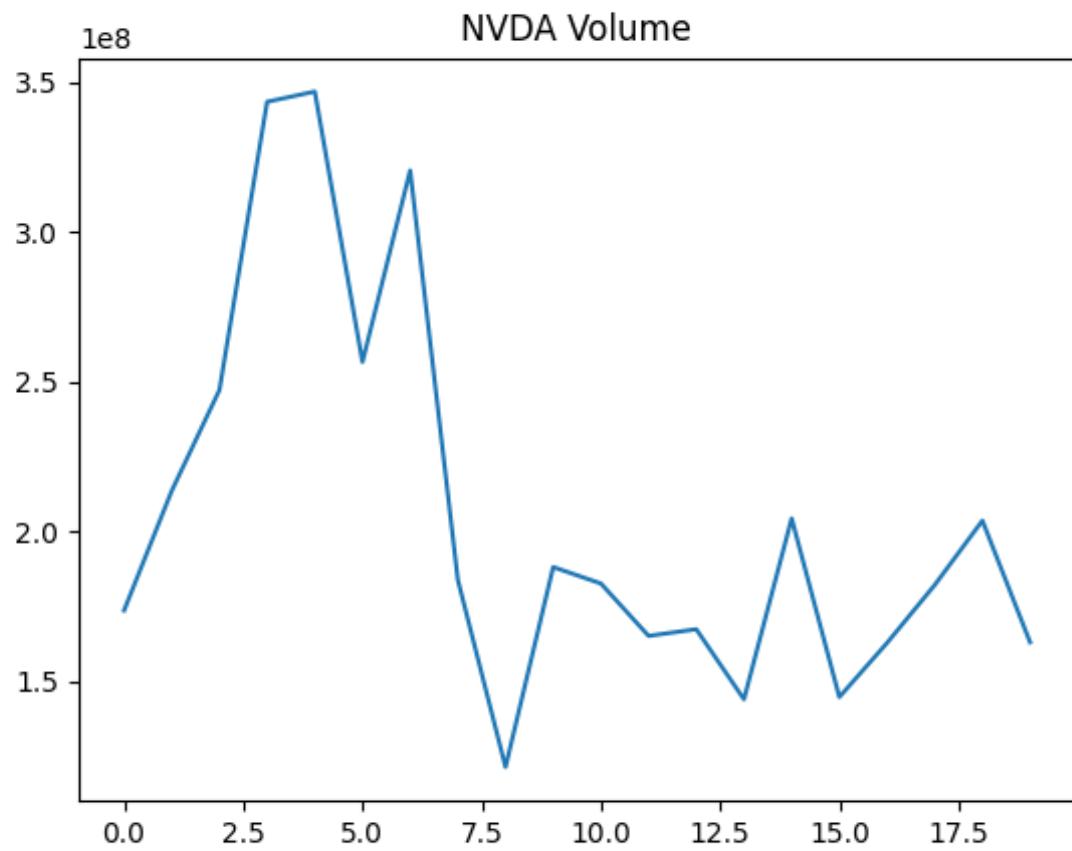
NVIDIA's recent performance shows a downward price trend with significant volatility and trading volume. The stock may be approaching oversold conditions, as indicated by the RSI, while the MACD suggests bearish momentum. Investors should monitor these indicators closely for potential reversal signals or further declines. The statistical indicators highlight the risks associated with trading NVDA, emphasizing the need for careful consideration before making investment decisions.

Date	Open	High	Low	Close	Volume	RSI	MACD	Signal
12	181.62	184.52	179.96	183.38	167,364,900	-	-1.55	-1.53
13	183.89	184.66	180.91	182.41	143,971,100	-	-1.36	-1.50
14	182.64	188.00	182.40	185.55	204,378,100	48.88	-0.94	-1.39
15	185.56	185.72	183.32	184.97	144,719,700	54.34	-0.66	-1.24
16	184.97	185.48	182.04	183.78	162,785,400	46.38	-0.52	-1.10
17	180.28	181.32	176.62	180.93	182,136,600	50.43	-0.63	-1.00
18	181.11	182.82	174.62	175.02	203,632,100	45.05	-1.18	-1.04
19	177.94	178.41	175.03	176.29	163,004,877	41.43	-1.50	-1.13

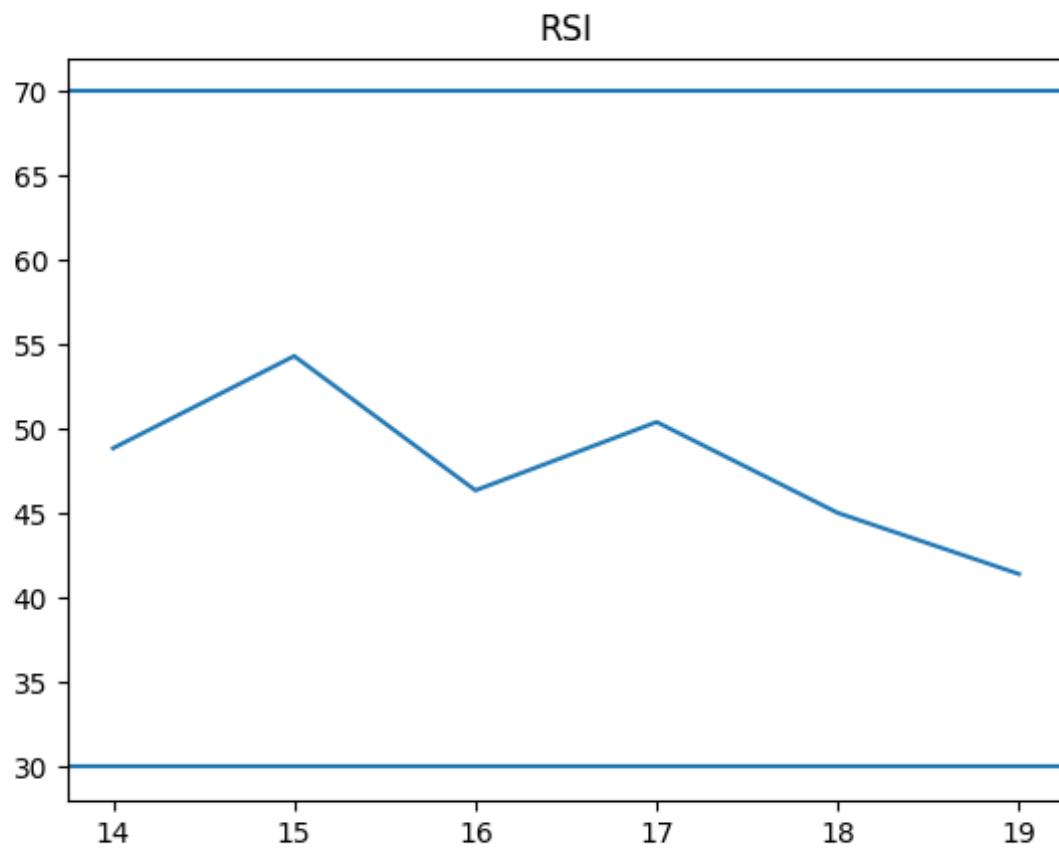
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