

Financial Report on Nvidia Corporation (Ticker: NVDA)

Company Overview

Nvidia Corporation (NVDA) is a leading American technology company spec

Recent Financial Performance

Key Financial Ratios (2024)

- **Return on Equity (ROE):** 69.24%
- **Net Profit Margin:** 48.85%
- **Current Ratio:** 4.17
- **Debt to Equity Ratio:** 0.53
- **Price to Earnings Ratio (P/E):** 12.11

Financial Data Trends

- **Revenue Growth:** 236.21% (2024)
- **Net Income:** Strong upward trajectory, reflecting efficient operat

Graphical Data

- **Net Income Over Time:**
![Net Income Over Time](fundamental_plots/NVDA_Net_Income_Over_Time.p
- **Total Assets:**
![Total Assets Over Time](fundamental_plots/NVDA_Total_Assets_Over_Ti
- **Revenue Growth Rate:**
![Revenue Growth Rate Over Time](fundamental_plots/NVDA_Revenue_Growt
- **Return on Equity:**
![ROE Over Time](fundamental_plots/NVDA_ROE_Over_Time.png)
- **Current Ratio:**
![Current Ratio Over Time](fundamental_plots/NVDA_Current_Ratio_Over_
- **Debt to Equity Ratio:**
![Debt to Equity Ratio Over Time](fundamental_plots/NVDA_Debt_to_Equi

Stock Analysis Summary

- **Current Price:** \$145.89
- **52-Week High:** \$149.77
- **52-Week Low:** \$45.01
- **Year-to-Date Price Change:** 97.73% (YTD Percent Change: 202.94%)
- **Trend:** Upward
- **Volatility:** Moderate (0.52)
- **Beta:** 2.78 (indicates higher volatility compared to the market)

Technical Indicators

- **50-Day Moving Average:** 132.99
- **200-Day Moving Average:** 110.03
- **EMA (20):** 142.29
- **MACD:** 3.34
- **Stochastic %K:** 74.47

- **Bollinger Bands (%B):** 0.68

Graphical Data

- **Historical Price Performance:**

! [Stock Price] (technical_plots/NVDA_stockprice.png)

- **Comparison with Benchmark (S&P 500):**

! [Benchmark Comparison] (technical_plots/NVDA_vs_^GSPC_returns.png)

- **MACD Chart:**

! [MACD] (technical_plots/NVDA_MACD.png)

- **Bollinger Bands:**

! [Bollinger Bands] (technical_plots/NVDA_bollinger_bands.png)

- **Stochastic Oscillator:**

! [Stochastic] (technical_plots/NVDA_stochastic.png)

- **Momentum Indicator:**

! [Momentum] (technical_plots/NVDA_momentum.png)

SWOT Analysis of Nvidia

1. **Strengths:**

- Market leadership in GPU technology.
- Strong brand recognition and reputation for innovation.

2. **Weaknesses:**

- High dependency on the gaming sector.
- Elevated operational costs.

3. **Opportunities:**

- Expanding AI market adoption.
- Growth in automotive and data center markets.

4. **Threats:**

- Intense competition from companies like AMD and Intel.
- Regulatory scrutiny as the company grows.

Conclusion

Nvidia showcases impressive financial health with substantial growth in

For detailed insights into Nvidia's financial performance and market po

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