

Insights

Market Overview & Growth Opportunities (Page 1)

Fastest Growing Company: NVDA

- **From Dataset:** NVDA grew from a **Market Cap** of **\$10.37B** in 2009 to **\$1000.35B** in 2023 (~**96x growth** in 14 years, **CAGR ~40%**).
- **Comparison:**
 - **AAPL:** \$189.8B → \$2066.94B (~**11x growth**, CAGR ~18%)
 - **MSFT:** \$270.64B → \$2451.23B (~**9x growth**, CAGR ~17%)
- **Insight:** NVDA is the fastest-growing company due to the rising demand for **GPUs** in **AI & Gaming**.

Most Volatile Company: NVDA

- **From Dashboard:** NVDA has the highest **Standard Deviation (S.D.)** in Market Cap Growth (**150%**), compared to:
 - AMZN (**100%**), MSFT (**75%**), AAPL (**50%**), SHLDQ (**25%**).
- **Insight:** NVDA's rapid growth comes with **high volatility**, making it a **high-risk, high-reward** investment.

Top Market Cap Company: AAPL

- **From Dashboard:** AAPL has the highest Market Cap (~**\$12T**), followed by:
 - MSFT (\$10T), GOOG (\$8T), AMZN (\$6T), INTC (\$4T).
- **From Dataset (2022):**
 - AAPL: **\$2066.94B** | MSFT: **\$1787.73B** | GOOG: **\$1144.35B**
- **Insight:** AAPL is the **largest** company by Market Cap, making it a more **stable** investment than NVDA.

Dominant Sector: IT

- **From Dashboard:** IT dominates **Market Share (~50%)**, followed by **LOGI** and **Bank**.
- **From Dataset:**
 - IT Market Cap (AAPL + MSFT + GOOG) = **\$4999.02B**.
 - LOGI (AMZN: **\$856.94B**), Bank (AIG + BCS = **\$79.52B**).
- **Insight:** IT dominates due to **tech giants** (AAPL, MSFT, GOOG), highlighting tech's role in the modern economy.

Return on Assets (ROA)

- **From Dashboard:**
 - BCS (**80%**), PCG (**60%**), AAPL (**40%**), AIG (**20%**), MSFT (**10%**).
- **From Dataset (2022):**
 - AAPL (**28.29%**), MSFT (**19.94%**), NVDA (**22.07%**), GOOG (**16.42%**), INTC (**4.40%**), AMZN (**-0.59%**).
- **Insight:** BCS & PCG show **high efficiency**, but they are **small in size**. AAPL balances **scale & efficiency**.

Market Cap Growth Over Time

- **From Dashboard:** NVDA & AAPL show strong growth from **2008 to 2022**.
 - **From Dataset:**
 - NVDA: **\$8.95B (2010) → \$359.5B (2022)**
 - AAPL: **\$296.89B (2010) → \$2066.94B (2022)**
 - **Insight:** NVDA represents **high-growth potential**, while AAPL offers **stability with strong growth**.
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Financial Performance (Page 2)

Return on Equity (ROE)

- **From Dashboard:**
 - AAPL (**60%**), MSFT (**40%**), INTC (**20%**), NVDA (**10%**).
- **From Dataset (2022):**
 - AAPL (**196.96%**), MSFT (**43.68%**), NVDA (**36.65%**), INTC (**7.76%**), GOOG (**23.41%**).
- **Insight:** AAPL excels in **capital efficiency**, while NVDA & INTC face **financial challenges**.

Free Cash Flow

- **From Dashboard:**
 - MCD (**\$10B**), AAPL (**\$8B**), GOOG (**\$6B**), NVDA (**\$2B**).
- **From Dataset (2022):**
 - AAPL: **\$99.8B**, MSFT: **\$58.7B**, GOOG: **\$71.2B**, MCD: **\$4.7B**.
- **Insight:** AAPL has **dominant free cash flow**, ensuring **financial flexibility**.

Net Profit Margin

- **From Dashboard:** MSFT (**30%**), GOOG (**25%**), AAPL (**20%**), INTC (**15%).
- **From Dataset (2022):**
 - MSFT (**36.69%**), NVDA (**36.23%**), MCD (**26.65%**), GOOG (**21.20%**), AAPL (**25.31%**), INTC (**12.71%**), AMZN (**-0.53%**).
- **Insight:** MSFT & NVDA have **high profitability**, while AMZN struggles with **negative margins**.

Net Income Growth Over Time

- **From Dashboard:** AAPL & NVDA show strong net income growth from **2008 to 2022**.
 - **From Dataset:**
 - AAPL: **\$8235M (2009) → \$99803M (2022)**
 - NVDA: **-30.04M (2009) → \$9752M (2022)**
 - **Insight:** AAPL shows **sustained earnings growth**, while NVDA transitioned from **loss to profitability**.
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Sector Analysis (Page 3)

Most Stable Sector: LOGI

- **From Dataset:**
 - **Standard Deviation (S.D.) for Market Cap Growth:**
 - **LOGI (AMZN) < IT (AAPL, MSFT, GOOG) < ELEC (NVDA, INTC).**
- **Insight:** LOGI (e.g., **AMZN**) is stable due to **consistent demand in e-commerce & logistics**.

Highest EBITDA: IT (\$2,074,683M)

- **From Dataset (2022):**
 - IT (AAPL: **\$130.5B**, MSFT: **\$97.8B**, GOOG: **\$90.7B**) = **\$319.1B**
 - ELEC (NVDA: **\$11.2B**, INTC: **\$15.3B**) = **\$26.6B**
 - LOGI (AMZN: **\$54.1B**)
- **Insight:** IT dominates in **EBITDA**, reflecting **strong operational profitability**.

Highest Number of Employees: LOGI (7,504,700)

- **From Dataset (2022):**

- AMZN (**1,541,000**), IT (AAPL + MSFT + GOOG = **575,234**), FOOD (MCD = **150,000**).
- **Insight: AMZN** has the most employees due to **labor-intensive logistics**.

Gross Profit Margin by Sector

- **From Dataset (2022):**
 - IT (AAPL: **43.3%**, MSFT: **68.4%**, GOOG: **55.4%**) = **Avg. 55.7%**
 - ELEC (NVDA: **64.9%**, INTC: **42.6%**) = **Avg. 53.75%**
- **Insight: IT** has the **highest Gross Profit Margins**, showcasing **cost efficiency**.


Inflation Rate Trend (2011-2022)


- **From Dataset:**
 - **2022: 8.0028%, 2021: 4.6979%, 2020: 1.2336%.**
- **Insight:** Rising inflation **impacts purchasing power & operational costs**, especially in **logistics (AMZN)**.

Recommendations

 **Conservative Investors:** Choose **AAPL** for stability and strong financials.

 **Risk-Takers:** Invest in **NVDA** for high growth potential.

 **Sector Focus:** Prioritize **IT** for profitability and dominance.

 **Caution:** Avoid **LOGI (AMZN)** due to low profitability and inflation pressures.