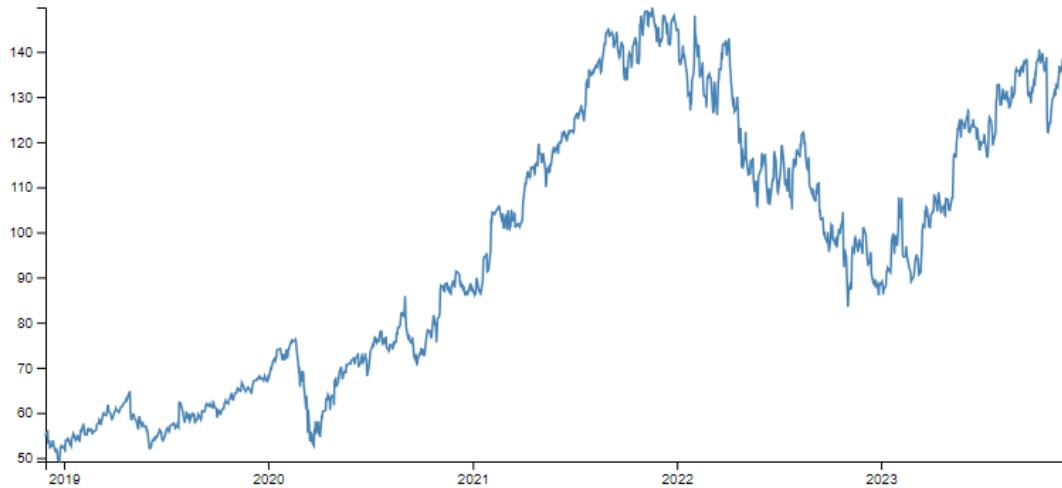


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Visualizations on Financial Dataset.

1. Line Chart

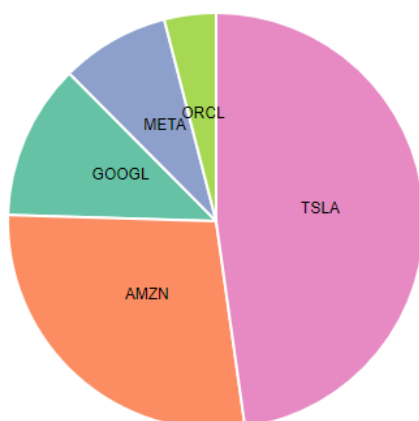


Google Stock price Chart.

Observations:

1. **Steady Growth (2019–2021):** From 2019 to 2021, the stock price shows a consistent upward trend, reflecting steady growth and investor confidence during this period.
2. **Peak in Early 2022:** The stock price reaches its highest point in early 2022, suggesting a peak in valuation or market performance.
3. **Sharp Decline (2022):** Following the peak, there is a sharp decline during 2022, which could indicate market correction, external economic factors, or company-specific issues.
4. **Recovery in 2023:** The stock price starts recovering in 2023 and stabilizes, demonstrating resilience and potential improvement in market conditions or business performance.

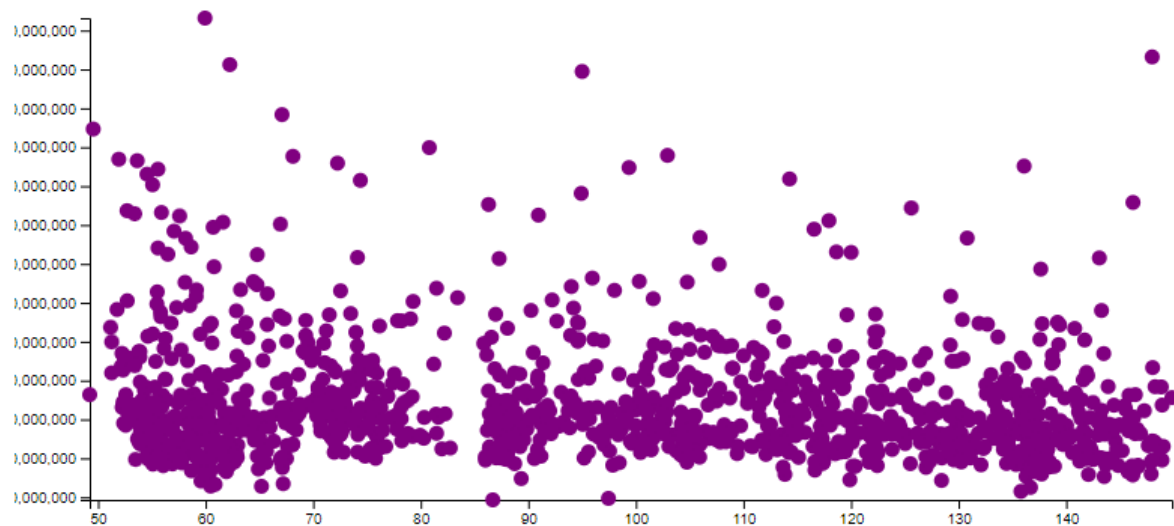
2. Pie Chart



Observations:

1. **TSLA Dominance:** TSLA occupies the largest portion of the pie chart, indicating its significant share or contribution compared to the other entities.
2. **AMZN as the Second-Largest:** AMZN forms the second-largest segment, reflecting its substantial but smaller contribution relative to TSLA.
3. **Smaller Shares for META, GOOGL, and ORCL:** META, GOOGL, and ORCL have relatively smaller portions of the pie, with ORCL being the smallest.
4. **Diverse Distribution:** The chart highlights a diverse distribution where TSLA and AMZN dominate, while the remaining shares are fragmented among the other companies.

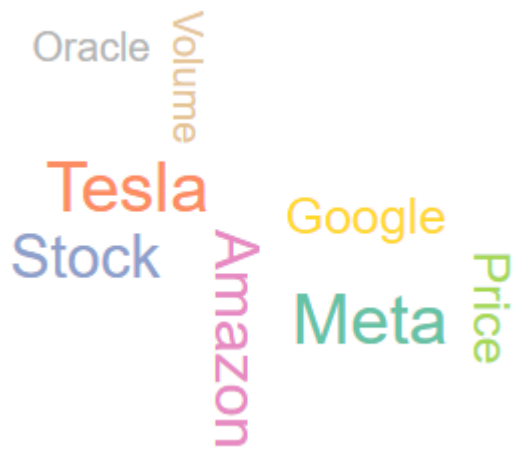
3. Scatter Plot



Google stock price v/s Volume chart

1. **No Strong Linear Correlation:** The scatter plot doesn't reveal a clear linear trend between the closing price and volume. The points are scattered randomly, indicating that there's no strong linear relationship between these two variables.
2. **Volume Concentration in Specific Price Ranges:** We can observe that a significant portion of the trading volume occurs within specific price ranges. There are areas where the concentration of points is higher, suggesting that more trading activity happens at those particular price levels.

4. Word Cloud



The most prominent words, which are larger and bolder, are Tesla, Meta, Stock, Amazon. This suggests that these companies are of major focus, likely indicating their dominance in technology and stock market discussions.