

CAPSTONE PROJECT

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2017 Netflix Stock Data Visualization

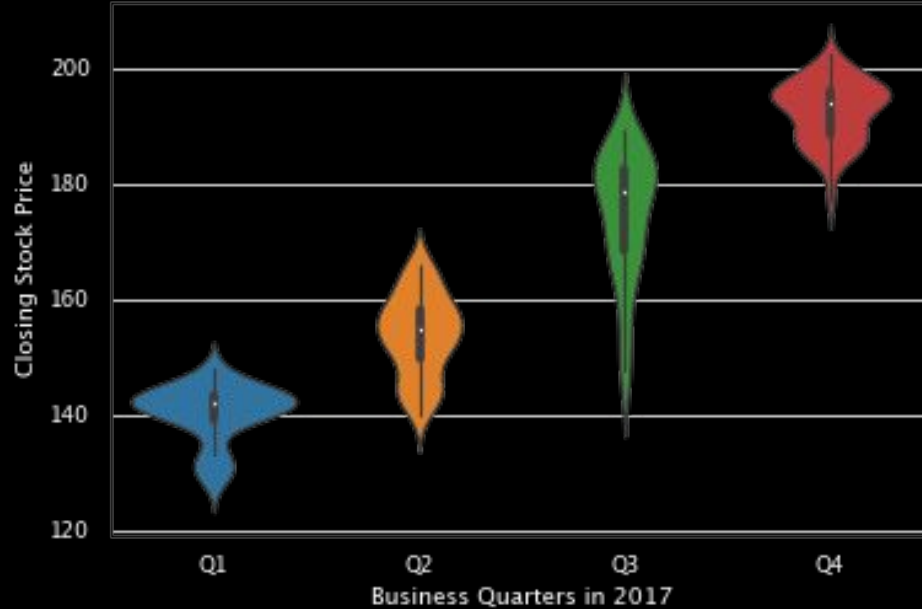


List of visualizations

- Distribution of 2017 Netflix Stock Prices by Quarter
- 2017 Estimated vs. Actual Earnings per Share in Cents (Quarterly)
- Earnings and Revenue in 2017
- Netflix stock performance vs Dow Jones (2017)

My role in creating visualizations for “Stock Profile” team was to analyze stock performance of Netflix in year 2017 using various methods and comparisons.

Distribution of 2017 Netflix Stock Prices by Quarter



On violin plot is presented the distribution of the Netflix quarterly stock prices in year 2017.

According to data Stock Price tend to grow throughout the quarter

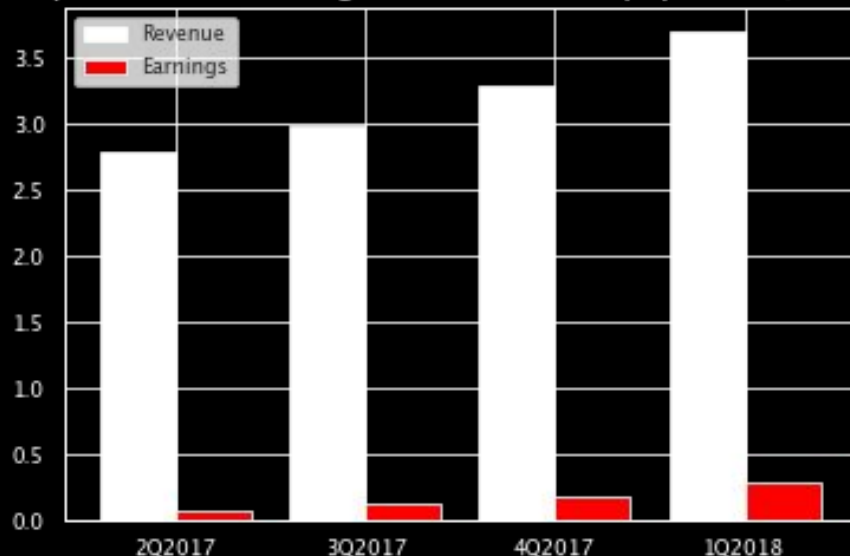
Earnings Per Share in Cents



Chart presents the earnings per share (EPS) based on estimate Yahoo and actual earnings for that quarters.

Predictions of Yahoo throughout 2017 were mostly close to actual earnings. Purple dots show quarters when predictions were exactly the same as earnings.

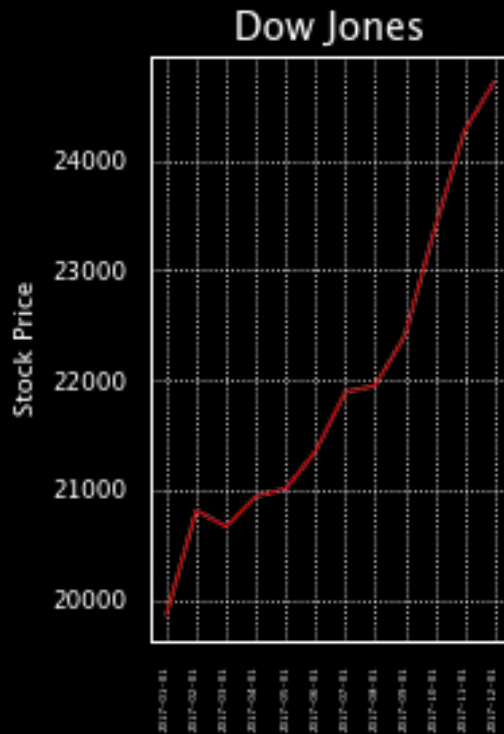
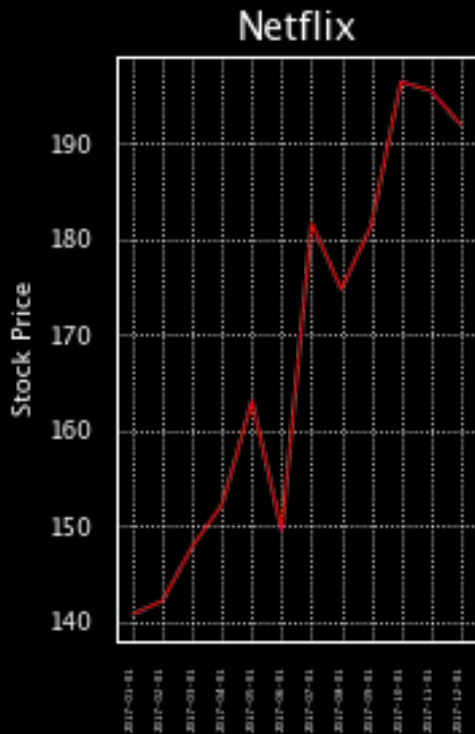
Comparison of Earnings and Revenue by quarters, bln. USD



Bar plot represents quarterly comparison of earnings and revenue.

As we can see both, earnings and revenue, grow during the year 2017.

Earnings constitutes nearly 2% of revenue in first quarter and grows to nearly 7% in fourth quarter.



Two line charts present Netflix Stock and Dow Jones Industrial Average in 2017.

Netflix mostly performs relative to Dow Jones Industrial Average showing growing trend throughout the year, but is more volatile.