

# Netflix Stock Profile Visualizations

Created by Gabriel Schmittlein

# Visualization Catalog

Figure 1 – Distribution of Netflix stock prices by quarter

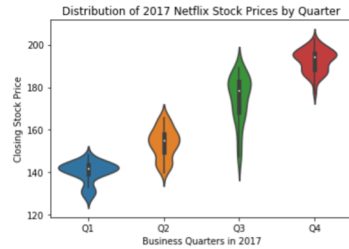


Figure 2 – Earnings per share

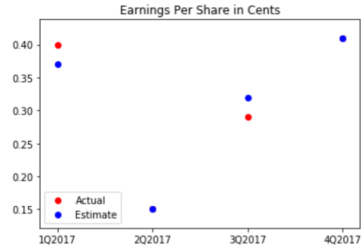


Figure 3 – Revenue vs. Earning

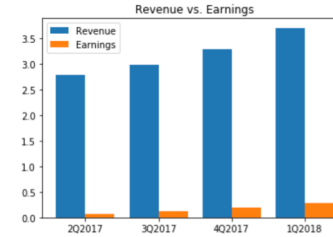
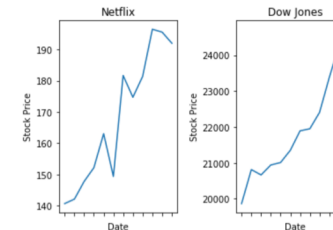


Figure 4 – Netflix vs. Dow Jones Stock



My Role: Analyzing and visualizing the stock data using python libraries such as Matplotlib, Pandas, and Seaborn.

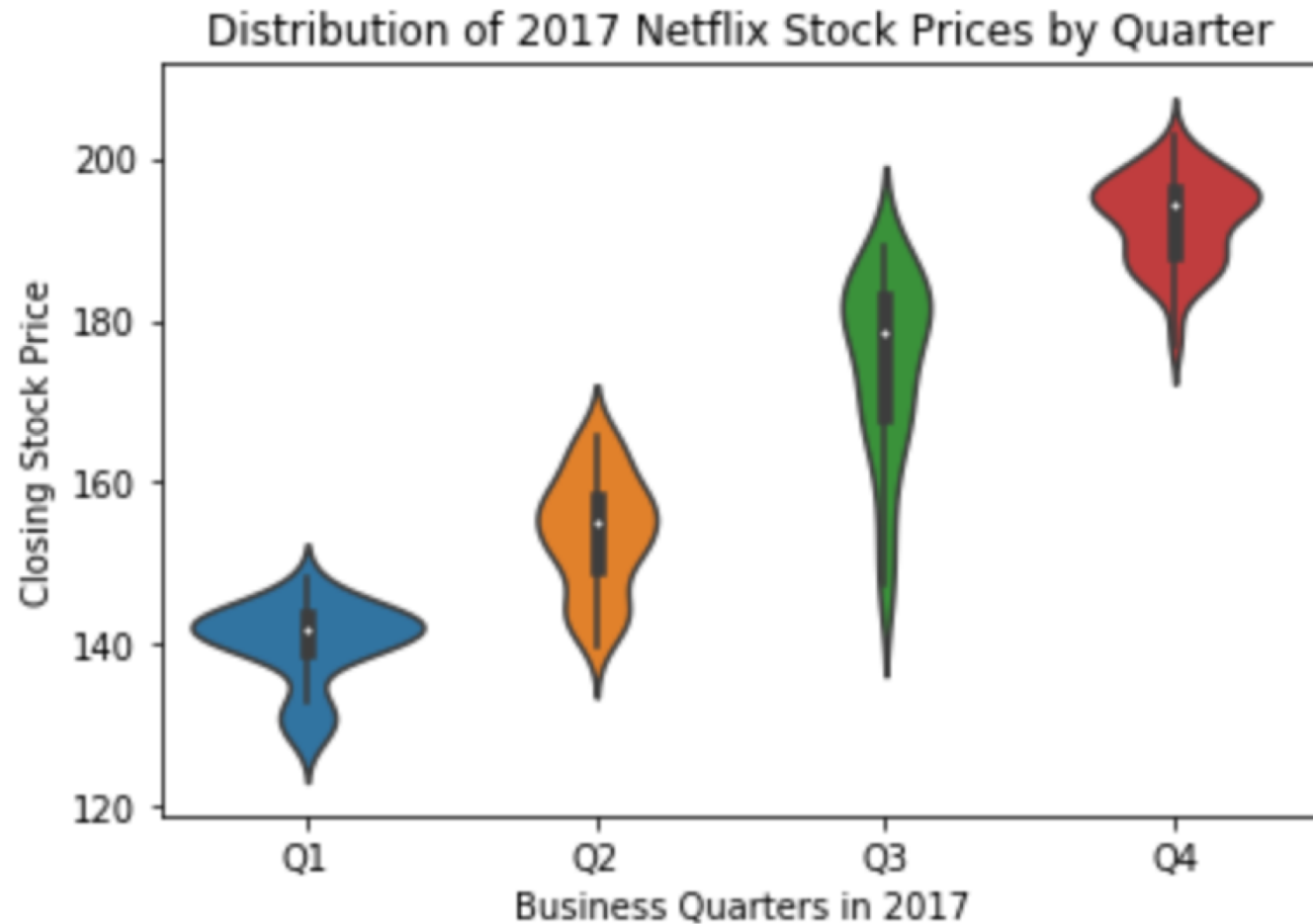


Figure 1

Clearly the median stock price increased by quarter over the course of the year. The largest spread came in Q3, while Q1, Q2, and Q4 all demonstrated slightly bimodal distributions.

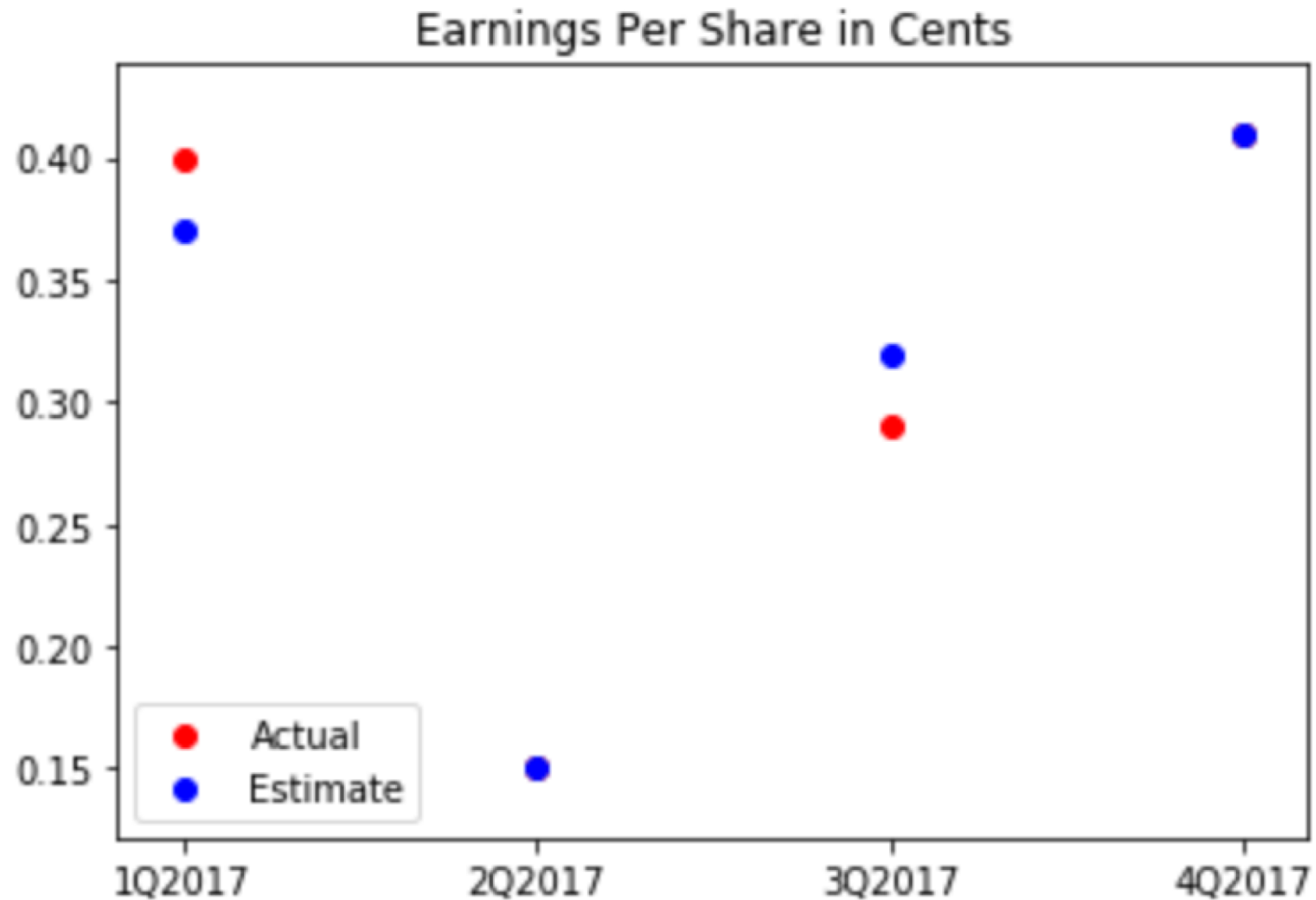


Figure 2

The actual and estimated earnings per share were very close for all quarters. In Q2 and Q4 they were identical (these dots should have been purple but did not appear that way).

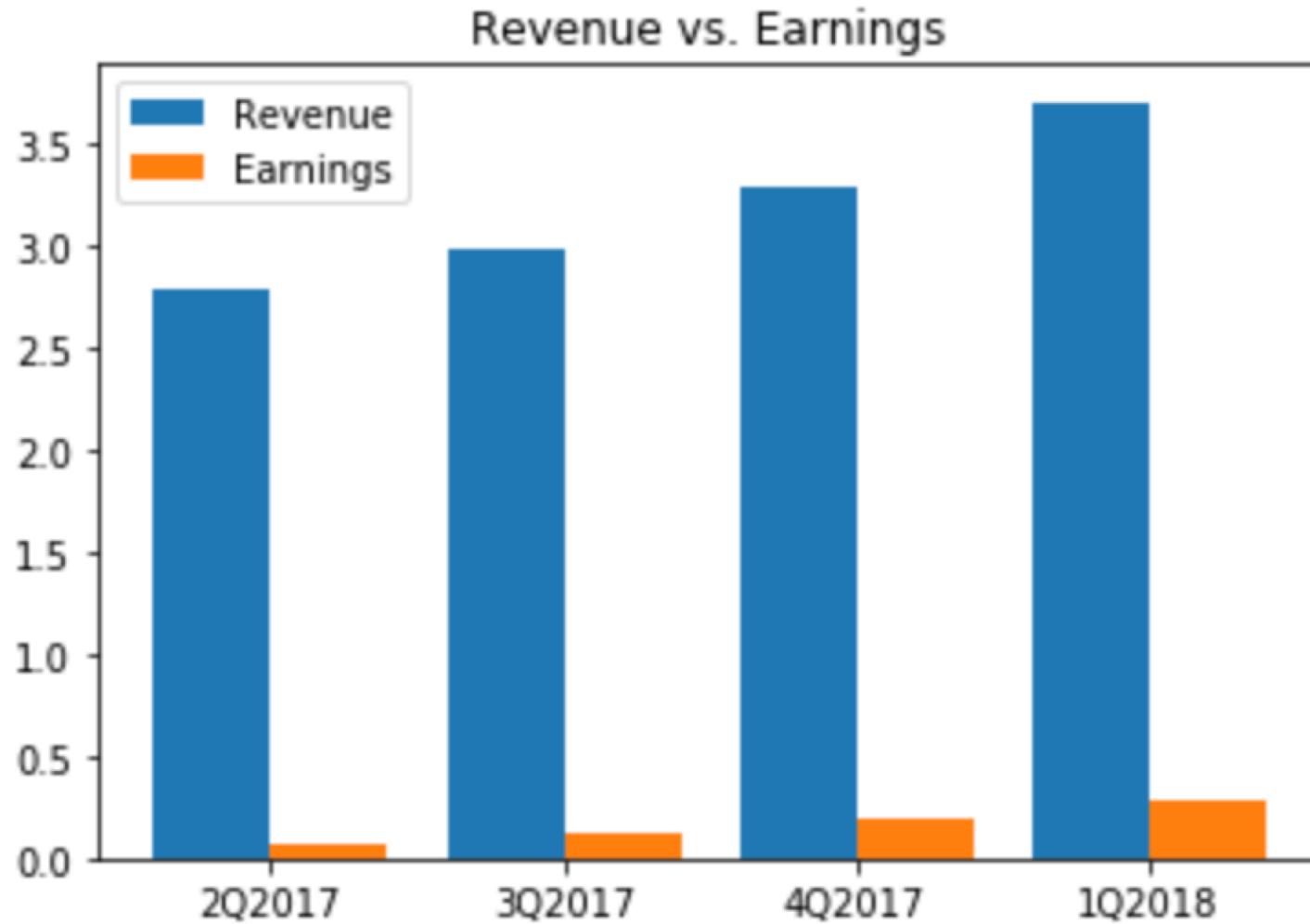


Figure 3

The increases in revenue and earnings are relatively consistent with each other from quarter to quarter. Earnings tend to make up about three percent of revenue.

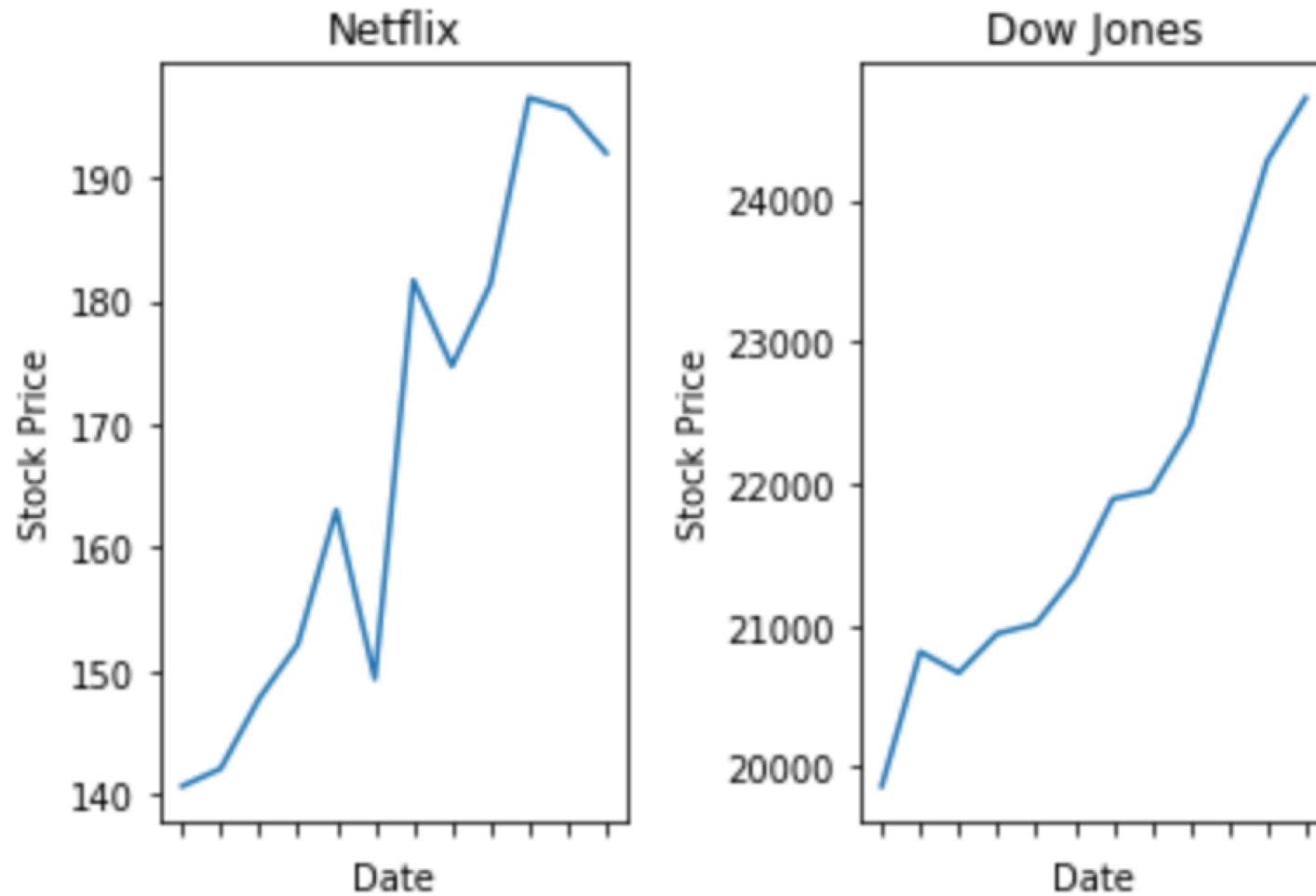


Figure 3

There is a correlation between the Netflix stock price and Dow Jones stock price over the course of 2017 (although Netflix was more volatile). This is not a surprise, as the DJI stock generally reflects the overall performance of the market.