

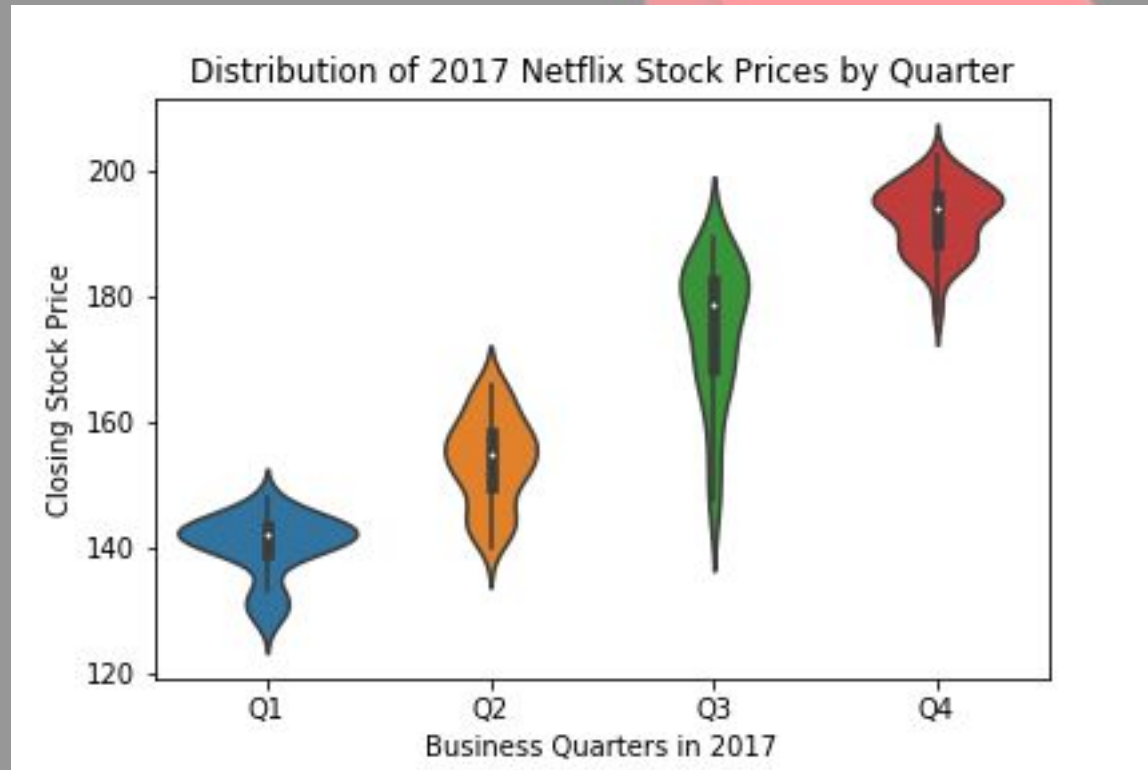
# Stock Portfolio of Netflix

By: Data Visualization Developer

# Agenda

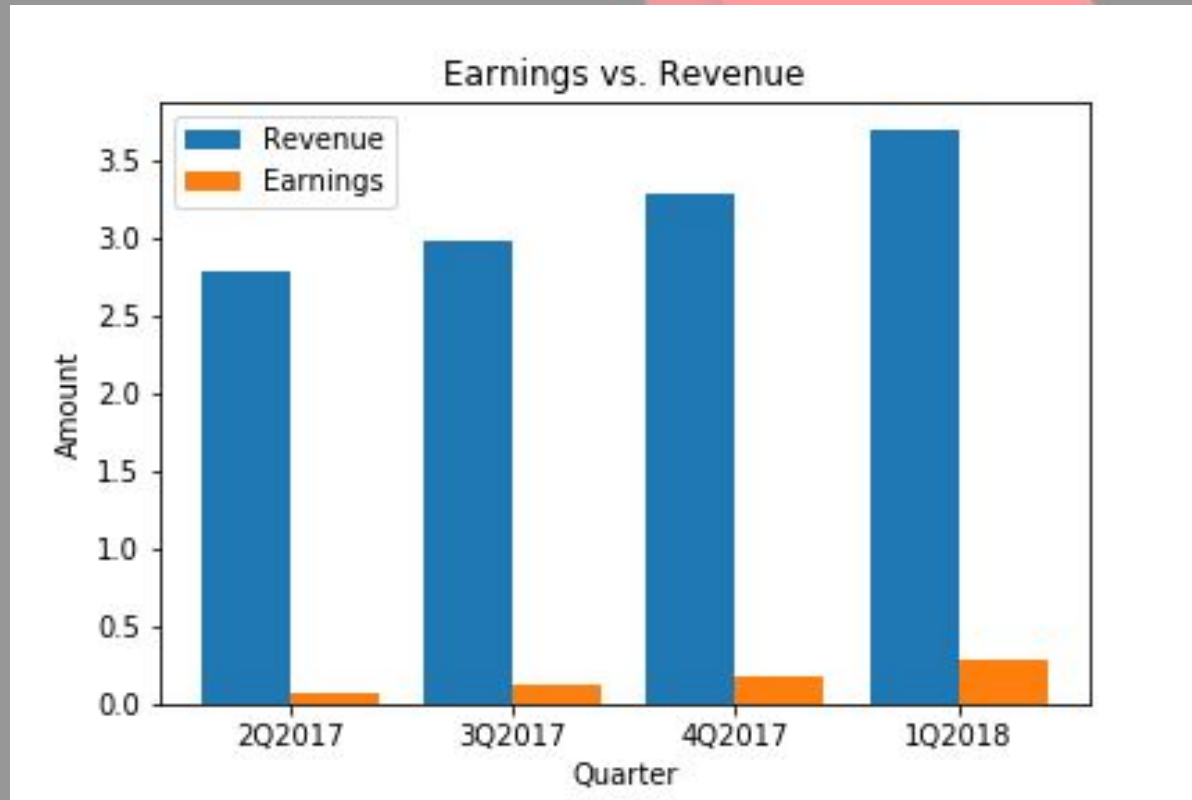
- The distribution of the stock prices for the past year
- Netflix's earnings and revenue in the last four quarters
- The actual vs. estimated earnings per share for the four quarters in 2017
- A comparison of the Netflix Stock price vs the Dow Jones Industrial Average price in 2017

# Stock Prices Distribution



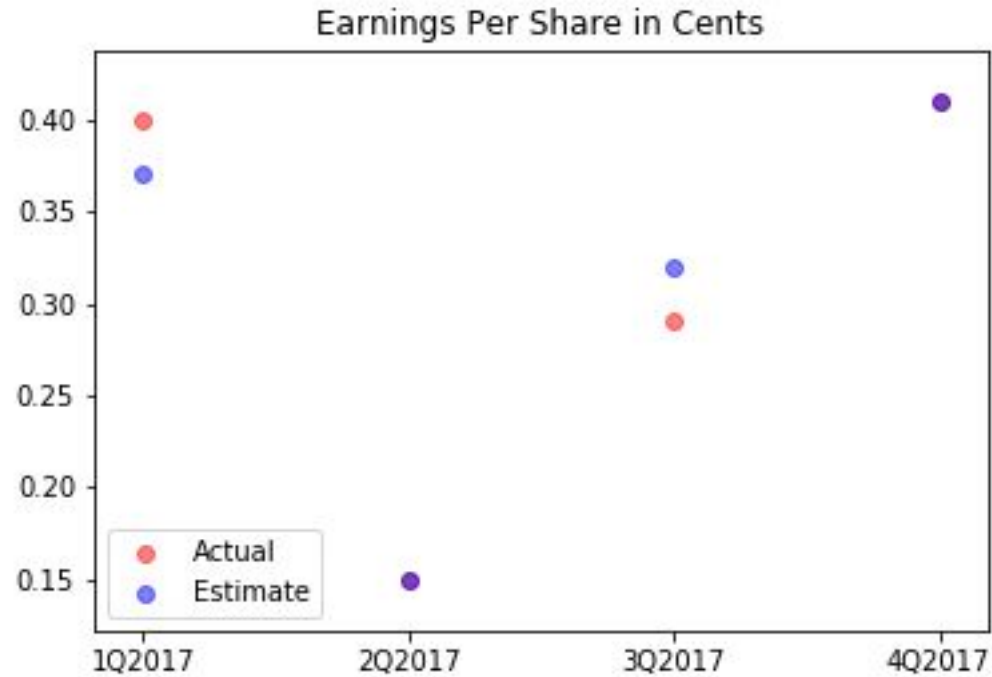
This is a distribution plot for Netflix quarterly stock price of 2017 year. From the plot, mean price for each quarter shows an increasing tendency. Quarter 3 ranges largest with a left skewed distribution. Most of prices fall within range of [120, 200], with highest price of 202.68 and lowest price of 127.49.

# Earnings vs. Revenue



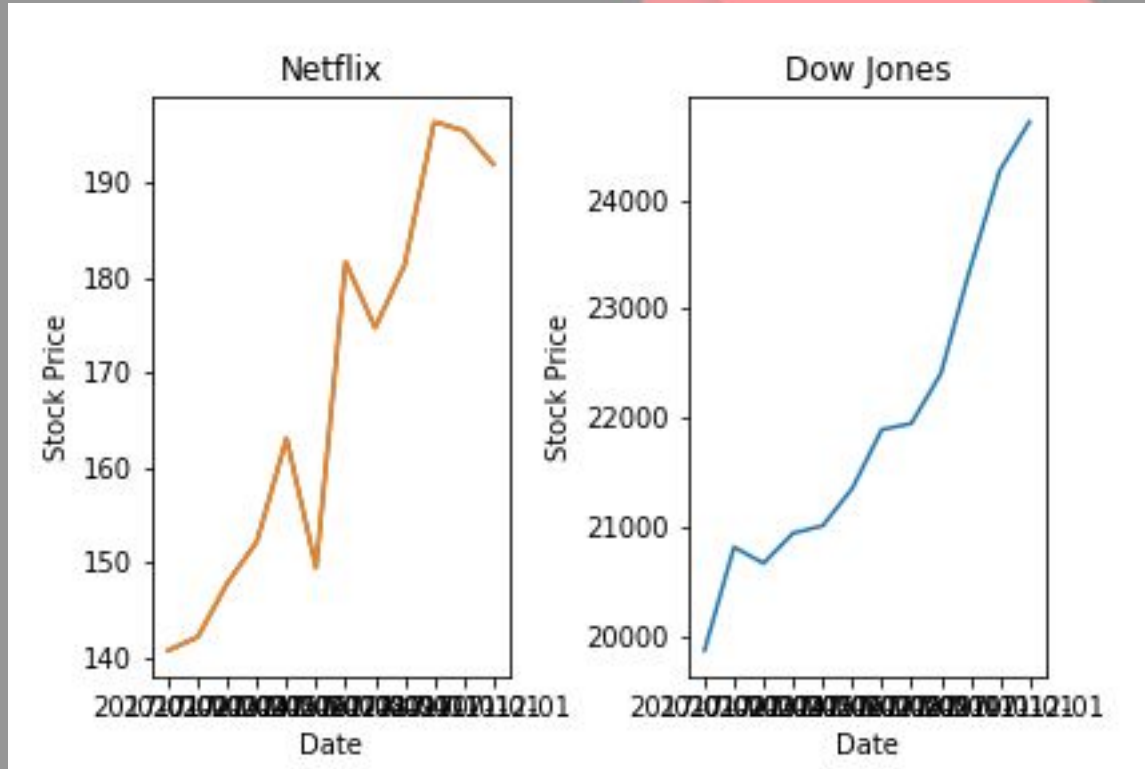
This is a bar plot mapping Netflix's earnings and revenue side by side. By looking at the plot, the first impression is big difference between revenue and earnings. The timeline starts from Q2 of 2017 to Q1 of 2018. The Q1 has largest revenue and earnings, and Q2 has the least revenue and earnings, so the Q2, Q3 and Q4 form a slightly increasing trend. Roughly, earnings constitutes 7% of revenue.

# Earnings Per Share



This is a scatter plot of Netflix's actual earnings and estimate earnings. The plot implies that actual and estimate earnings in Q2 and Q4 are same; actual earning is greater than estimate earning in Q1 and opposite in Q3.

# Comparison of Netflix vs Dow Jones



This is a comparison between Netflix stock price and Dow Jones Industrial Average. From the plot, Netflix stock price fluctuates and has three noticeable drops; whereas Dow Jones stock price has a continue increasing trend and the curve is smoother. Netflix stock price is more volatile. Two stock prices are not comparable, since the price indices are not in the same range.

NETFLIX

**Thanks!**