

## A blurred background image of a computer monitor displaying financial data. The screen shows multiple windows: a line chart for EUR/USD at the top right, a candlestick chart for Gold (spot) at the bottom right, and a table of market data on the left. Overlaid on the center of the screen is the text "Netflix Reports Stock Analysis" in a large, bold, red font. The overall image has a dark, monochromatic aesthetic with the red text providing a strong contrast.

## **Index of the graph visualizations**

1. Distribution of 2017 Netflix Stock Prices by Quarter
2. Earnings Per Share in Cents
3. Netflix Revenue and Earnings in Billions
4. Netflix Dow Jones (DJ) Stock Price 2017

I am Francisco Correa and I have been hired as a data visualization developer at Yahoo Finance! My job is to help financial analysts by creating some of the visualizations for a stock profile of Netflix.

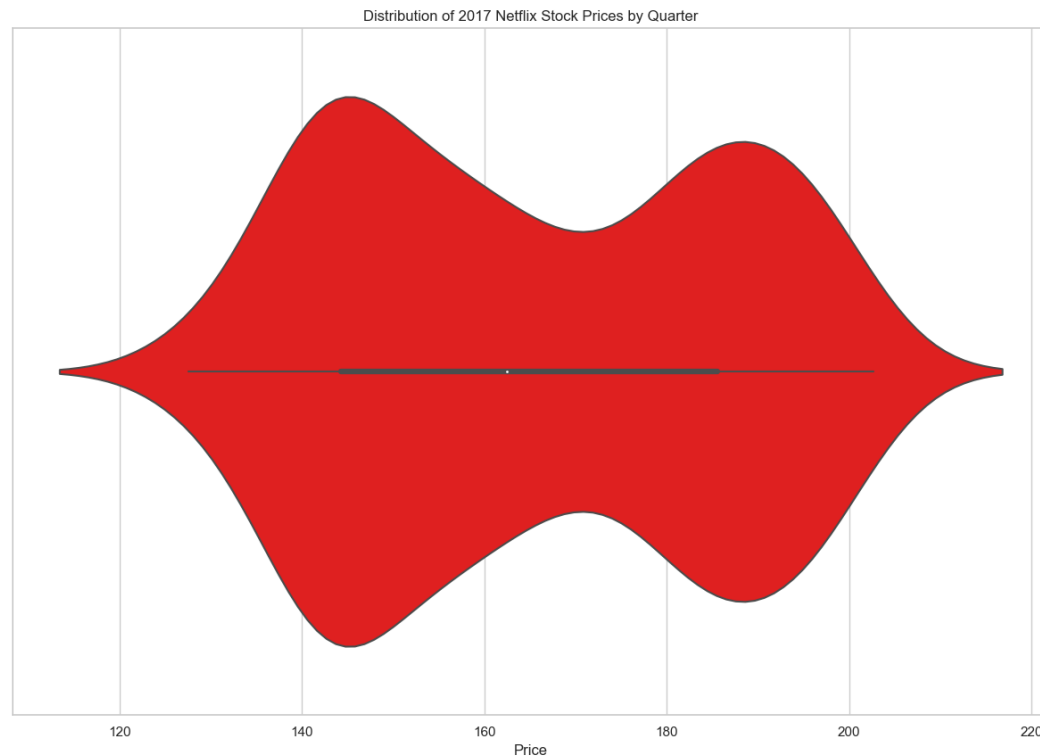


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graph LR; CODE[CODE] --> VISUALIZATION[VISUALIZATION]; VISUALIZATION --> ANALYSIS[ANALYSIS];
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CODE

VISUALIZATION

ANALYSIS



•What are your first impressions looking at the visualized data?

My impressions is the stock have a big variability, the shape of the violin is fat (**high frequency**), so the price are far from the median.

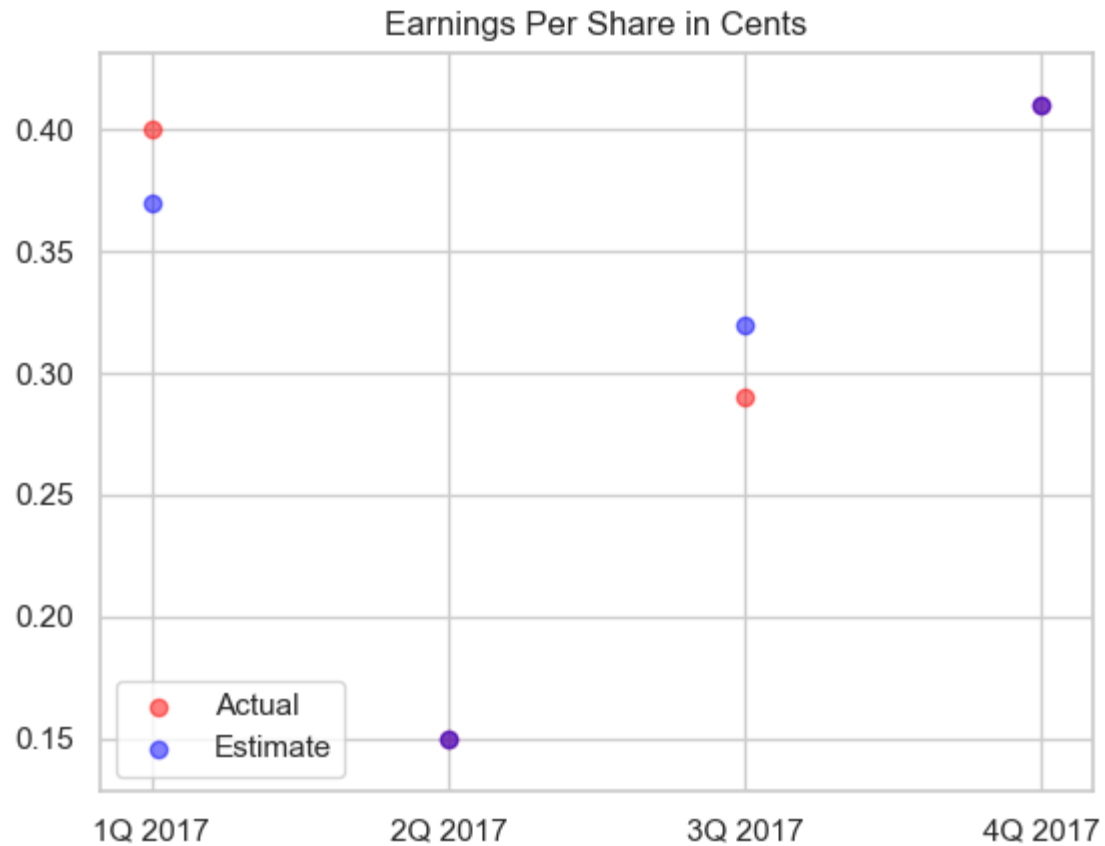
•In what range(s) did most of the prices fall throughout the year?

The stock price fall between 140 and 180.

•What were the highest and lowest prices?

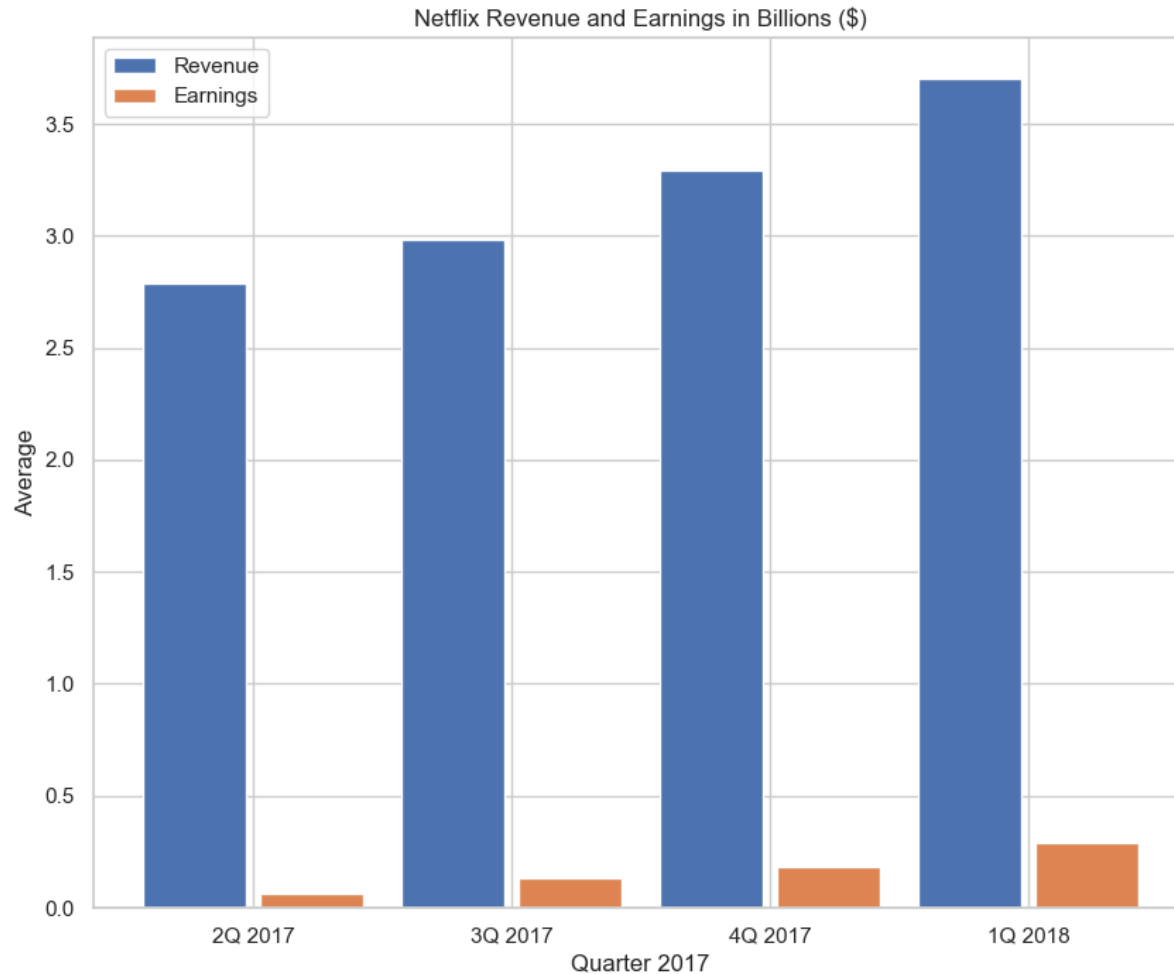
The highest was: 210

The lowest was: 120



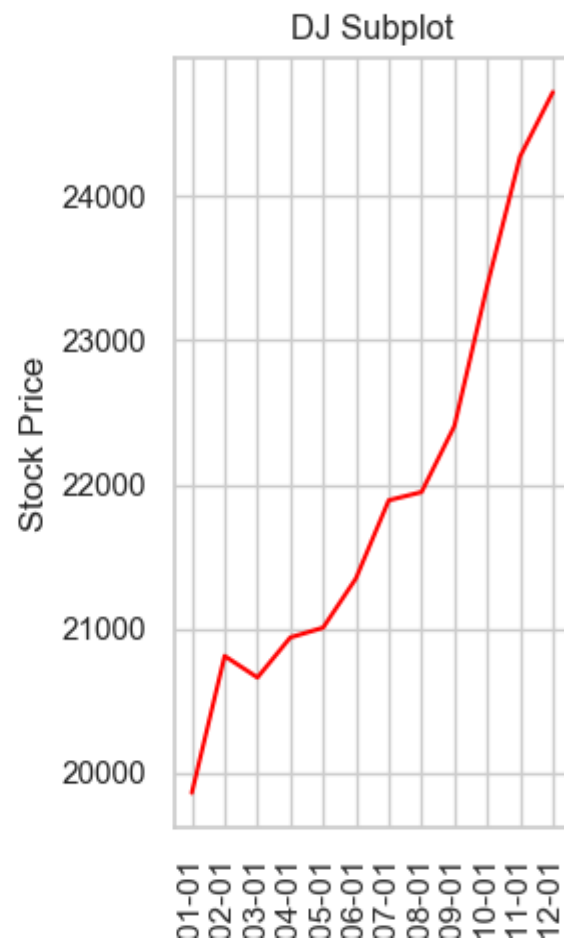
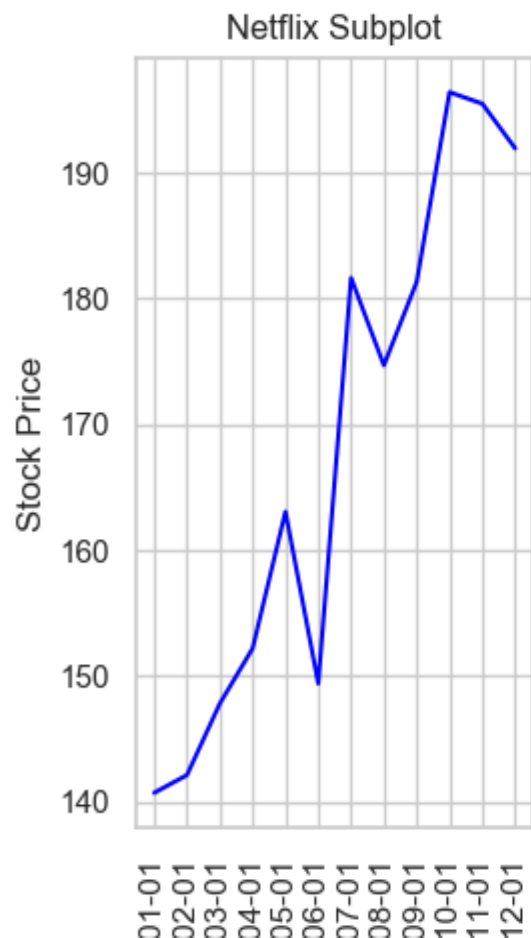
- What do the purple dots tell us about the actual and estimate earnings per share in this graph?

The purple (mix from red and blue color) dots in the 2<sup>nd</sup> and 4<sup>th</sup> quarter tell us the **Actual** and the **Estimate** share are the same.



- Does Revenue follow a trend?  
Absolutely, we have a trend, like every quarter in 2017 **increase** the revenue from Netflix.
- Do Earnings follow a trend?  
Absolutely, we have a trend, like every quarter in 2017 **increase** the earnings from Netflix.
- Roughly, what percentage of the revenue constitutes earnings?  
The percentage of the earnings represent 5% approximately from the revenue each quarter.

## Netflix Dow Jones (DJ) Stock Price 2017



- How did Netflix perform relative to Dow Jones Industrial Average in 2017?

The performance from Netflix was better than DJ, because increase 15% more than DJ.

- Which was more volatile?

If we saw the two subplots, we can infer the Netflix (blue line) had more volatile than DJ.

- How do the prices of the stocks compare?

If we compare the stocks we conclude Netflix has more volatile than DJ, but the price increase was higher than DJ.



**Netflix Reports  
Stock Analysis**