



# Netflix Stocks

Visualize Netflix data using Python

Lucas

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# **1. Distribution of 2017 Netflix Stock Prices by Quarter**

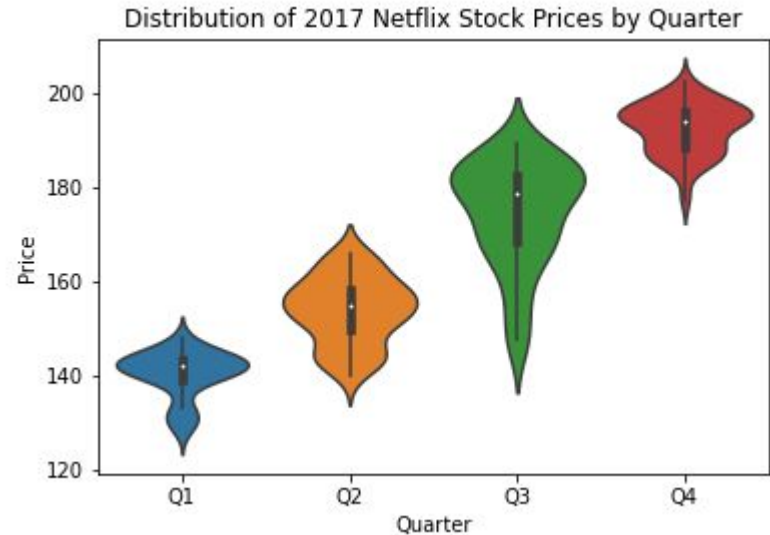
- 1.1. First impressions looking at the visualized data?
- 1.2. In what range(s) did most of the prices fall throughout the year?
- 1.3. What were the highest and lowest prices?

**From the Graph we can speculate on a few things:**

As a first impression, we can see that violins are really good to visualize Quarterly prices. It gives a dimension on where the price stagnated and every quarter's variation.

Most of the each quarter prices fall through a range of 20 dollars which indicates a variation which tends to a certain value.

The lowest price observed is right above 120 and the highest right above 200. A yearly variation of 80 dollars.



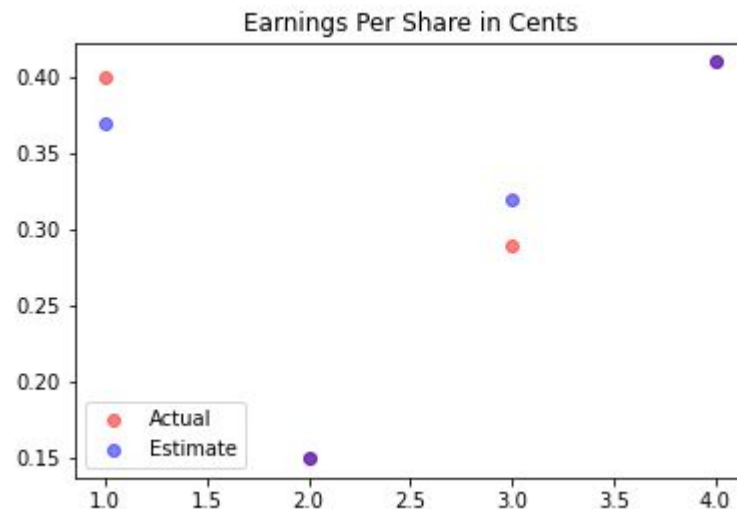
## **2. Earning per Share in Cents**

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- 2.1. Actual vs Estimate
- 2.2. Red, Blue and Purple

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

When dots are Purple, it tells us that the **Estimate Earnings** per Share were pretty close to the **Actual Earning per Share**. If they are split, it means that on that quarter, they differed.



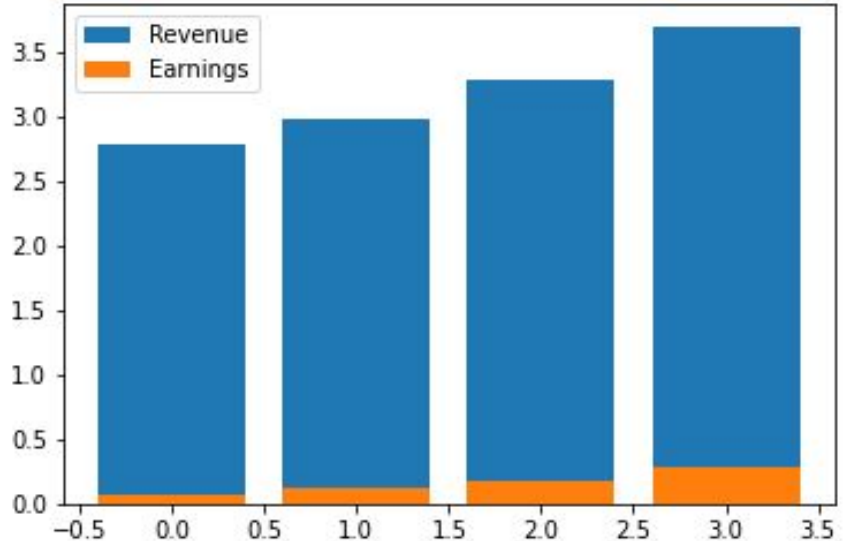
# **3. Revenue vs Earnings**

### 3. CoolTShirts can re-invest in 5 campaigns. Which should they pick and why?

- 3.1 Does Revenue follow a trend?
- 3.2 Do Earnings follow a trend?
- 3.3 Roughly, what percentage of the revenue constitutes earnings?

To summarize, both revenue and earning increased over time. But earnings, if we analyse it's percentage increase definitely more than doubled.

We could estimate the earnings to around 3-9 percent of revenue.





## **4. Netflix x Dow Jones**

## 2. Earning per Share in Cents

- 4.1. How did Netflix perform relative to Dow Jones Industrial Average in 2017?
- 4.2. Which was more volatile?
- 4.3. How do the prices of the stocks compare?

It followed a pretty similar ascend. But Netflix had a 35% Increase in value and Dow Jones had a 25% increase. Netflix was definitely more volatile since it's a single company, being more sensitive to single events, where Dow Jones is constituted of multiple companies, each one having its uniqueness and strengths and weaknesses.

