

NETFLIX STOCK PROFILE

Visualize Netflix data using Python

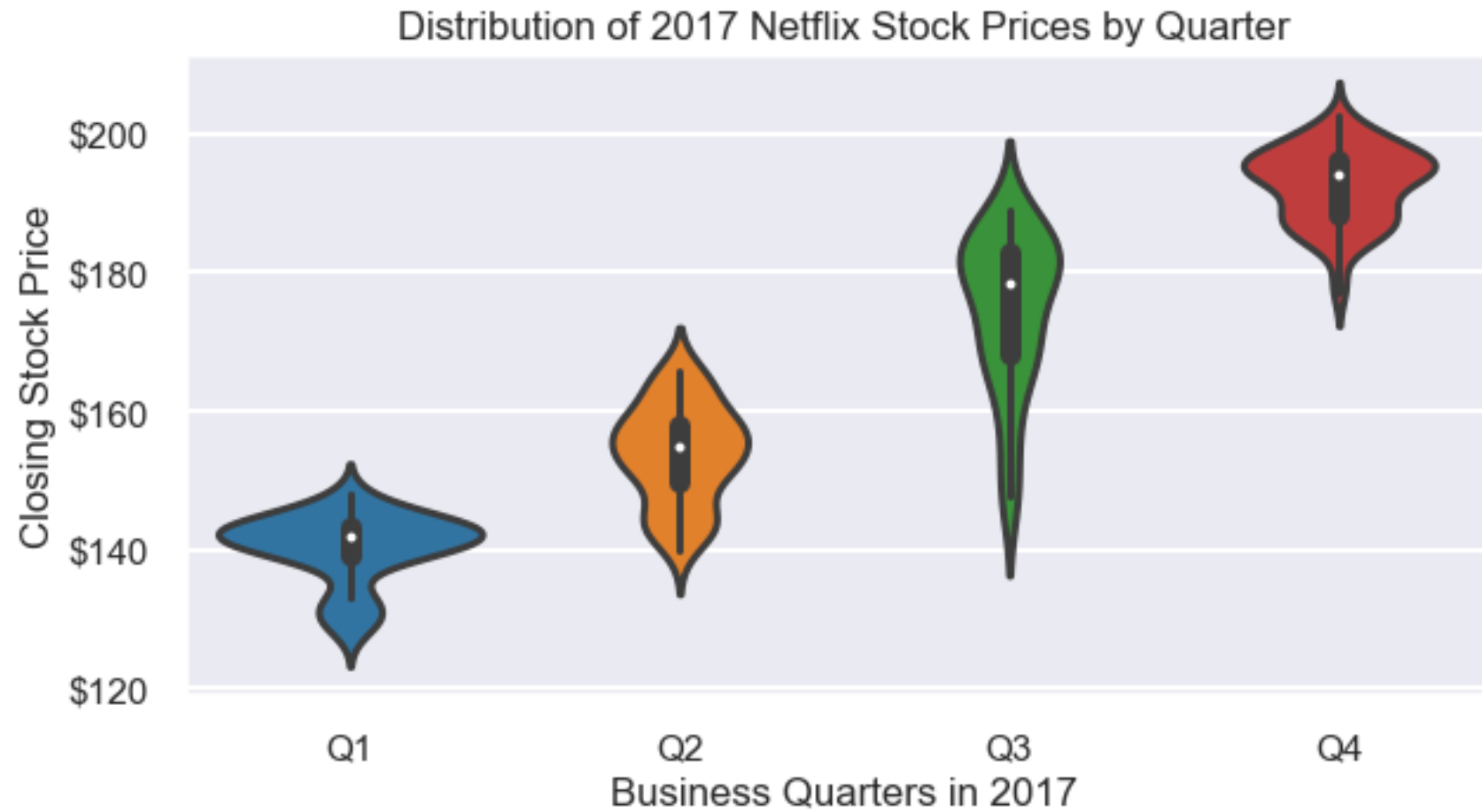
Created by Olga Skripnichenko

GOALS AND STRUCTURE OF THE PROJECT

In this project the Netflix stock data for 2017 have been analyzed, prepared and plotted, to help the financial analysts assess the risk of the Netflix stock.

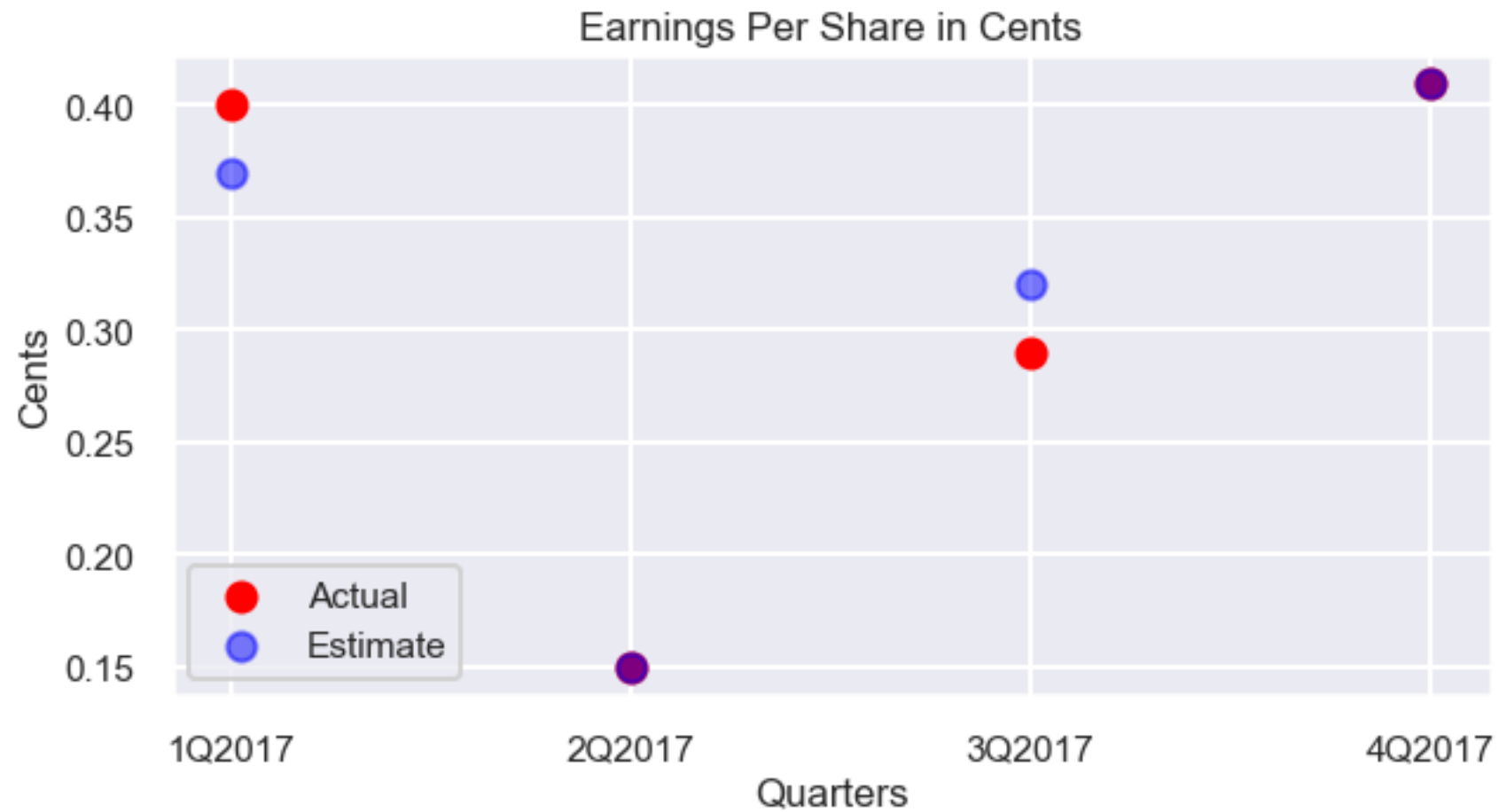
A list of visualizations :

1. Distribution of 2017 Netflix Stock Prices by Quarter
2. Earnings Per Share in Cents
3. Revenue and Earnings by quarter
4. Comparison Netflix stock to the Dow Jones Industrial Average in 2017



The graph shows:

- the rise in prices through the year
- the rise of average quarter price
- a shift in the range: in 1 quarter - (120,150), in 2 quarter - (130,170), in 3 quarter - (135, 200), in 4 quarter - (170,220)



For Q1 actual EPS bigger then the estimate earnings.

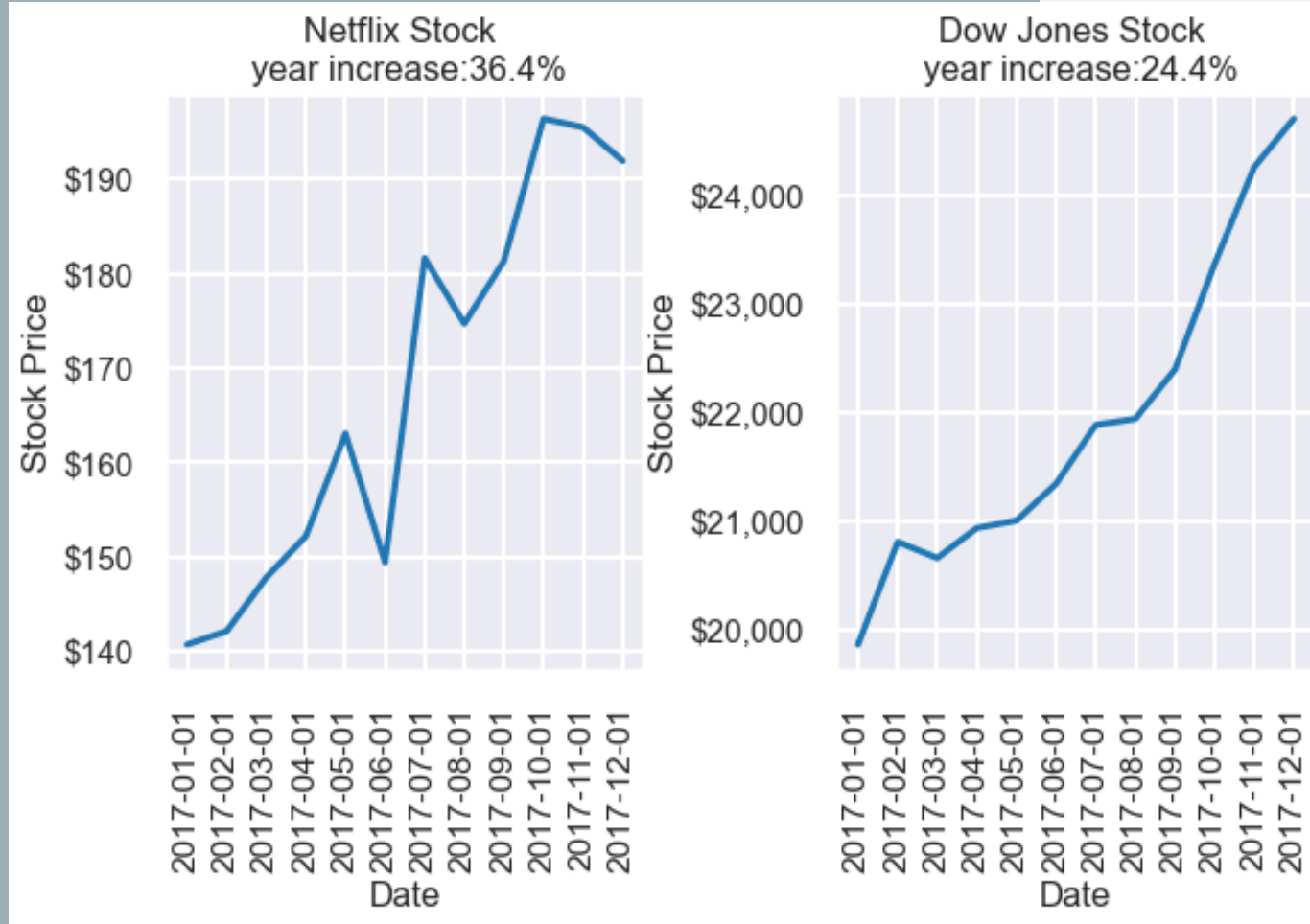
For Q3 actual EPS less then the estimate earnings.

For Q2 and Q4 the actual EPS coincided with the estimated ones (purple dots).



Both revenue and earnings follow a constantly increasing trend.

Percentages on the bars indicate proportions of the revenue constitutes earnings.



Line chart comparison with Dow Jones Stock

- Netflix stock price follow the increasing trend of Dow Jones stock price.
- Netflix stock price is more volatile. It has a sharp decrease in the middle of the year, as well as a slight decrease at the end of summer and at the end of the year.
- Netflix Stock Price rose more than Dow Jones Stock Price in a year.