Codecademy capstone project

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Netflix stock data

Introduction:

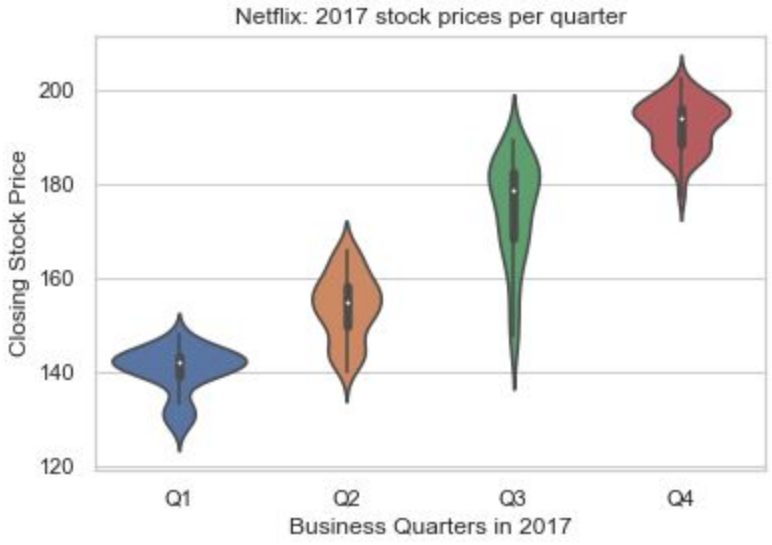
This is a 2017 stock profile of Netflix created as a part of the Codecademy data science career path.

Key technologies covered are the python libraries pandas, matplotlib, and seaborn.

Contents

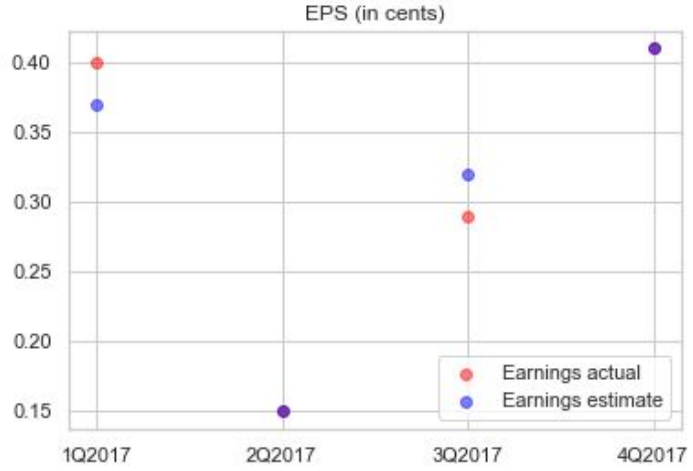
- Distribution of stock prices 2017
- Earnings per share (EPS) per quarter 2017
- Revenues and earnings per quarter 2017
- Stock growth comparison to Dow Jones Index (DJI) 2017

Stock price



- Robust increase of price in 2017
- Q3 showed high volatility

Earnings per share (EPS)

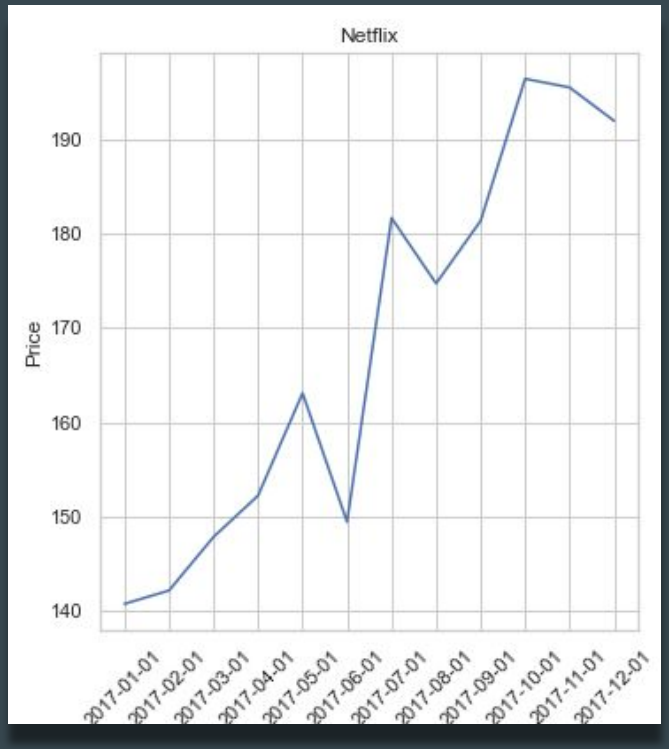


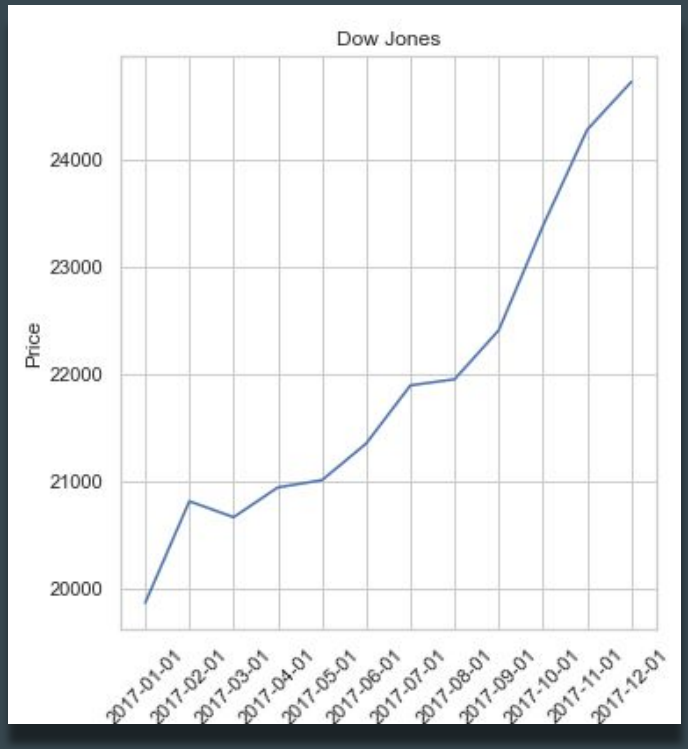
- Estimates accurate for Q2 and Q4 (purple dots)
- Actual earnings Q1 outperformed estimates
- Actual earnings Q3 underperformed estimates

Revenues and earnings

- Stable increase of revenue for each consecutive Q
- Stable increase of earnings for each consecutive Q

Dow Jones (DJIA) comparison





Dow Jones Industrial Average (DJIA) comparison

- Netflix followed the general curve of DJIA
- Netflix showed a higher degree of volatility than DJIA

Conclusions

Netflix showed a great year in 2017, with a stable increase in earnings and stock price while following the general curve of the DJIA.

Netflix would have made a good investment in 2017.

Thank you.