

# 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

# Understanding the problem

## Item 1

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## Item 2

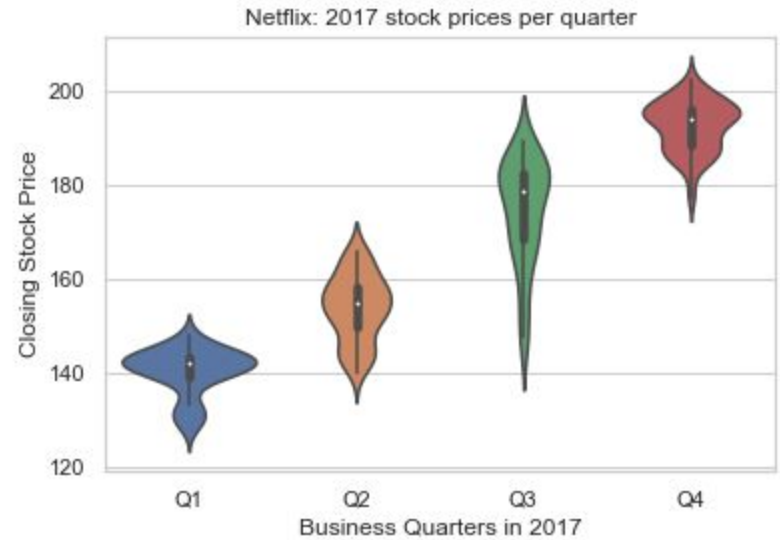
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## Item 3

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# Stock price



- Robust increase of price in 2017
  - Q3 showed high volatility
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# Earnings per share (EPS)



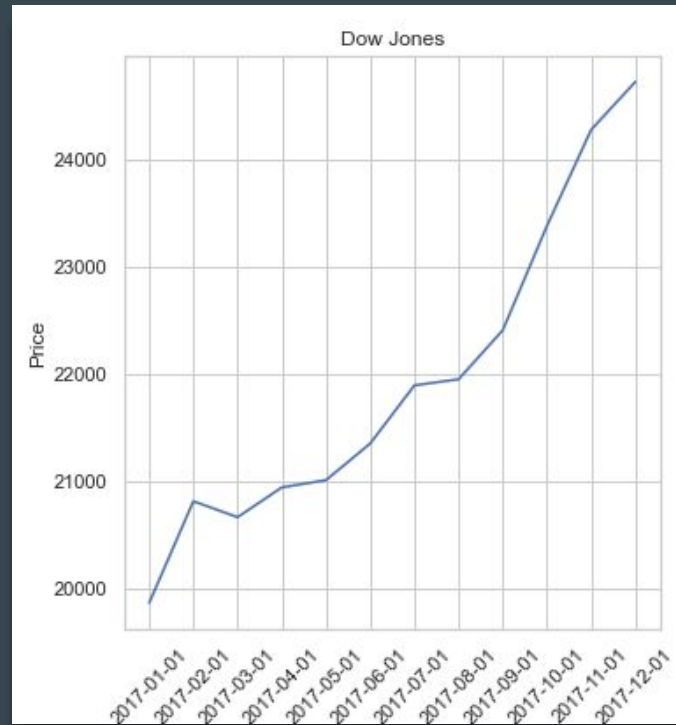
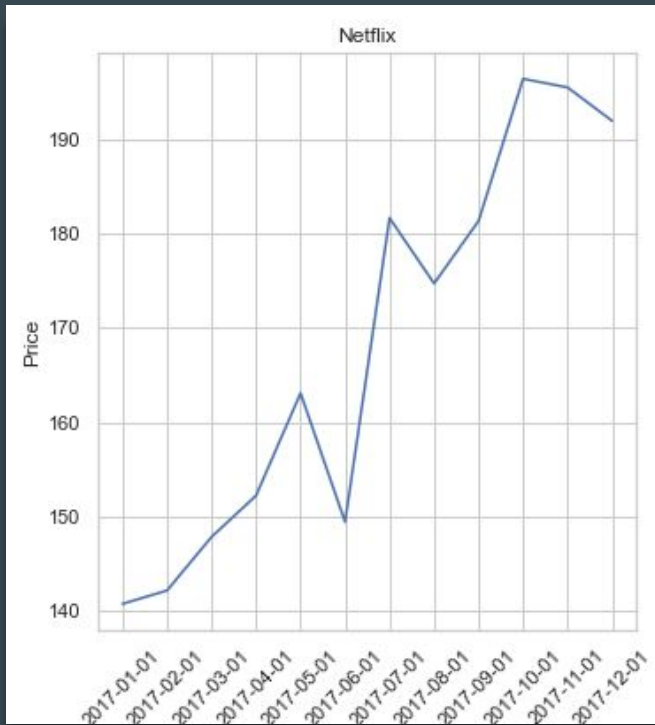
- Estimates accurate for Q2 and Q4 (purple dots)
  - Actual earnings Q1 outperformed estimates
  - Actual earnings Q3 underperformed estimates
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# Revenues and earnings



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

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# 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.