

Capstone Project: **Netflix Data**

Visualize Netflix Data Using Python

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Objectives and Visualizations

In this presentation, we'll showcase Netflix's stock profile for the year 2017. Data were analyzed and plotted in the following visualizations:

1. Distribution of Netflix stock prices in 2017
2. Estimated versus Actual Earnings Per Share
3. Netflix Stock and Revenue for the past four quarters
4. Netflix Stock Price vs Dow Jones Stock Price in 2017

1. Distribution of Netflix Stock Prices in 2017 by Quarter



- The graph shows steady growth in 2017 with Q3 showing the largest range.
- Prices range from \$125 - \$210.

2. Estimated versus Actual Earnings Per Share



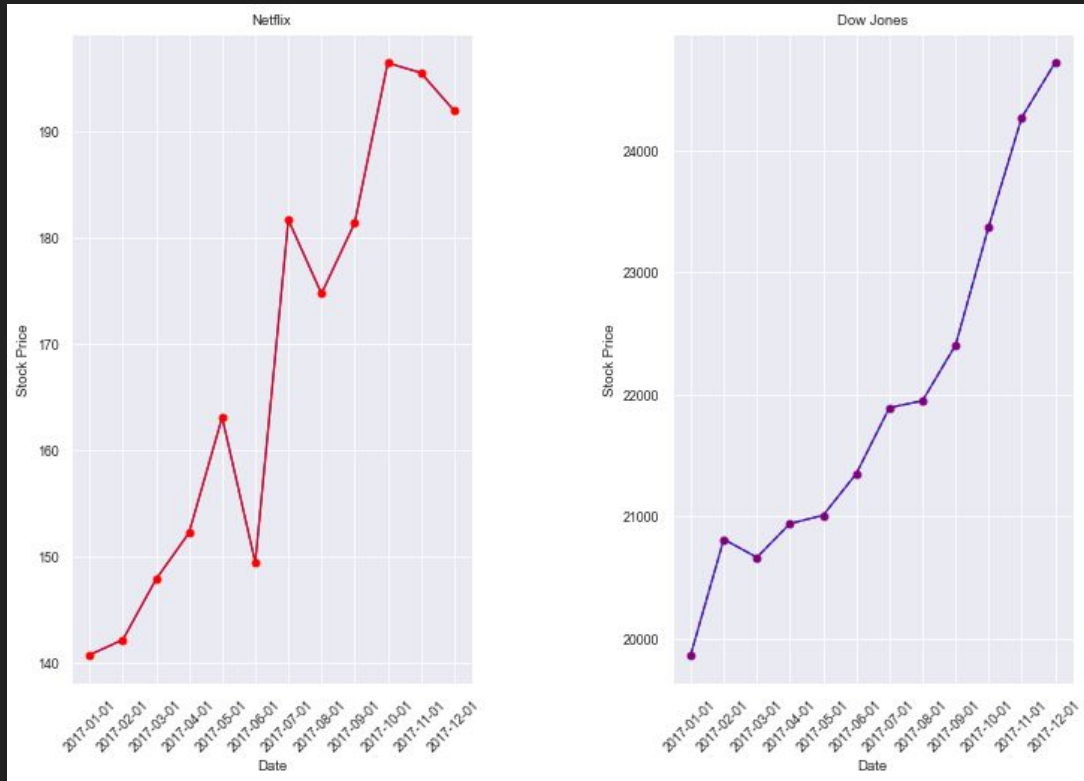
- The graph shows Q1 actual earnings were higher than estimated.
- Q2 and Q4 the actual earnings matched the estimated earnings.
- Q3 actual earnings were lower than estimated.

3. Netflix Stock and Revenue For Each Quarters in 2017



- The graphs shows that both Earnings and Revenue increased consistently each quarter.
- Earnings are approximately 2% of the Revenue.

4. Netflix stock price vs Dow Jones stock price in 2017



- Netflix stock price grew steadily in 2017.
- Although the Netflix stock was more volatile than the Dow Jones it did grow about $\pm 40\%$ while the Dow grew about $\pm 35\%$.