

CodeAcademy Capstone

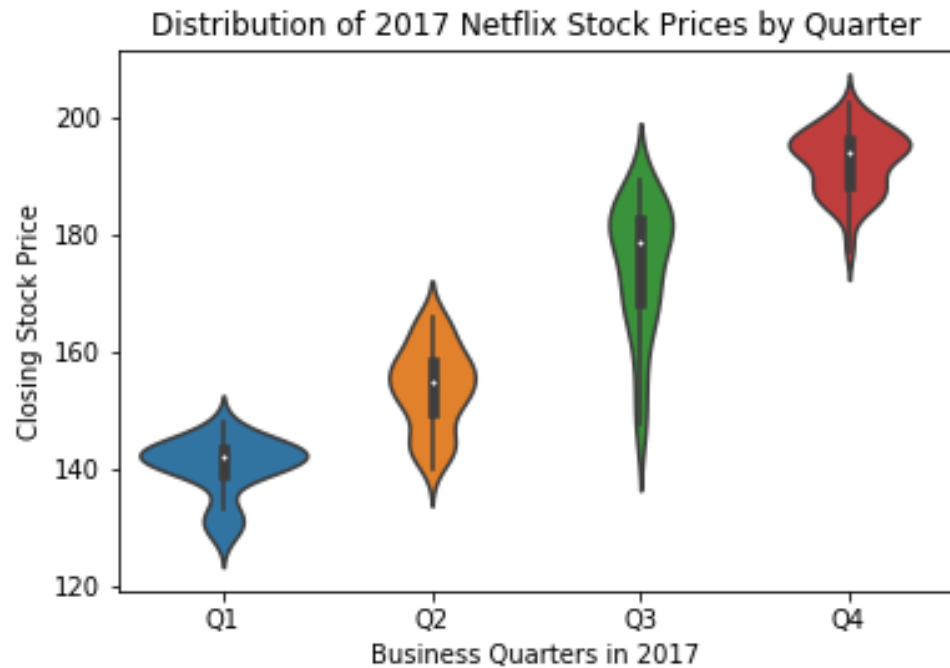
Netflix Stocks Analysis 2017

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Visualizations

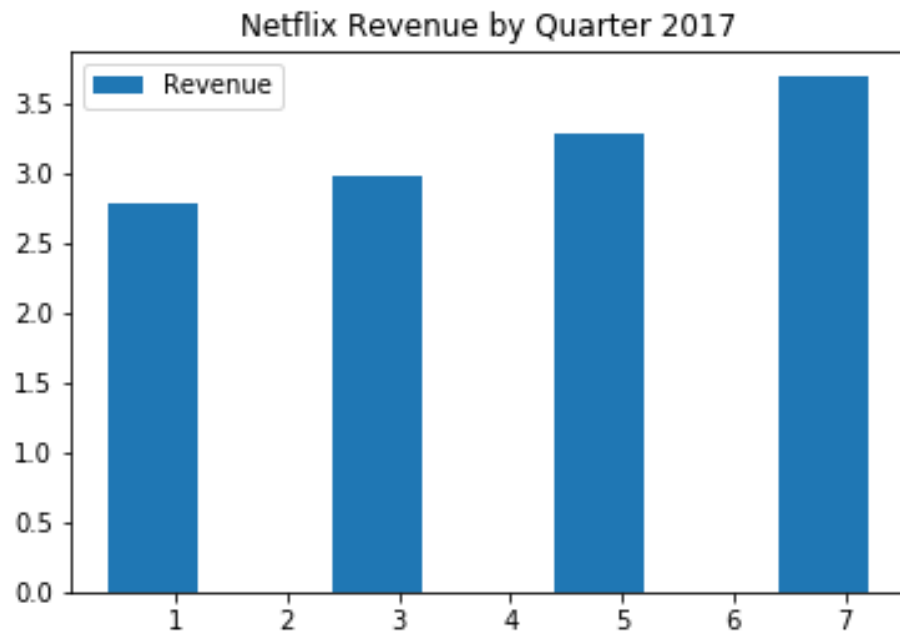
- ▶ Distribution of Netflix Stock Prices 2017
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Distribution of Netflix Stock Prices 2017



This violin plot shows us how prices were **distributed** by quarter. The first impression we can see when we look at the data is that the stock **price went up** each quarter. Most prices throughout the year fell in the range between **\$143-\$195**. In addition we can see that the lowest price during the year was **\$132** while the highest was at **\$205**.

Netflix Revenue by Quarter 2017



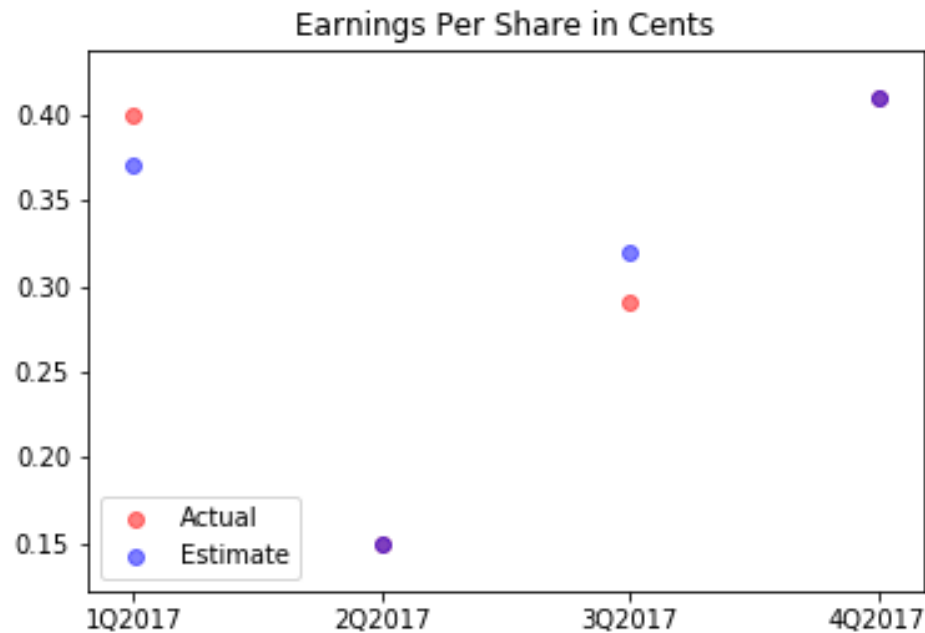
This bar graph shows us how Netflix's revenue demonstrated during the year. The first thing we notice is that the **revenue increased** quarter throughout the year. By taking a look at both graphs we can see there is a **direct correlation** between the **Revenue** & **Earnings per quarter**. As the revenue increased so did the Earnings per quarter.

Netflix Earnings by Quarter 2017



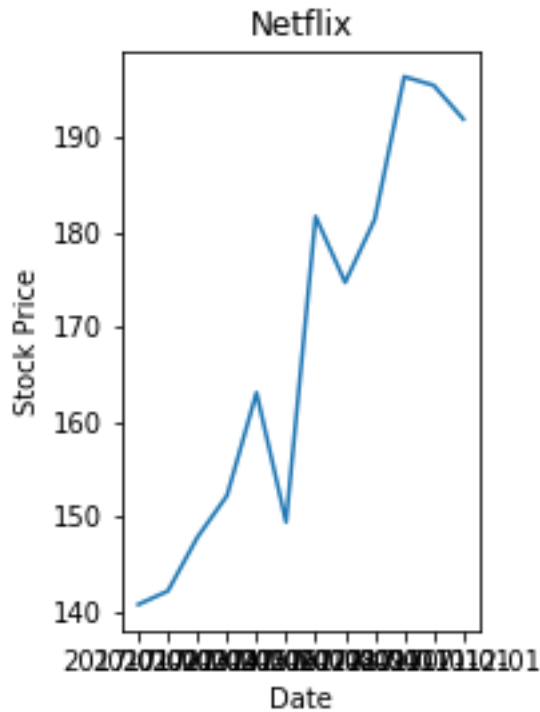
This bar graph shows us how Netflix's earnings demonstrated during the year. The first thing we notice is that the **earnings increased** quarter throughout the year. By taking a look at both graphs we can see there is a **direct correlation** between the **Revenue** & **Earnings per quarter**. As the revenue increased so did the Earnings per quarter.

Earned vs Actual Earnings per Share



This scatter plot shows us the **relationship** between the **estimated** vs **actual earnings** per share achieved during the year. The plot has a **strong, negative linear relationship**. As the Price Estimate **decreases** the actual price also **decreased** during the year.

Netflix Stock 2017 vs Dow Jones Stock 2017



These line graphs represent how the Netflix stock performed **worse** against the Dow Jones Stock throughout the year. The first thing we can see is that the Netflix stock was **quite volatile** compared to the Dow Jones stock which saw a steady **increase** in its share stock price. We can see that **Netflix** closed the year at approx. **\$190** per share whereas the **Dow Jones** closed at **\$240**.

