Analyzing Netflix Stock Prices
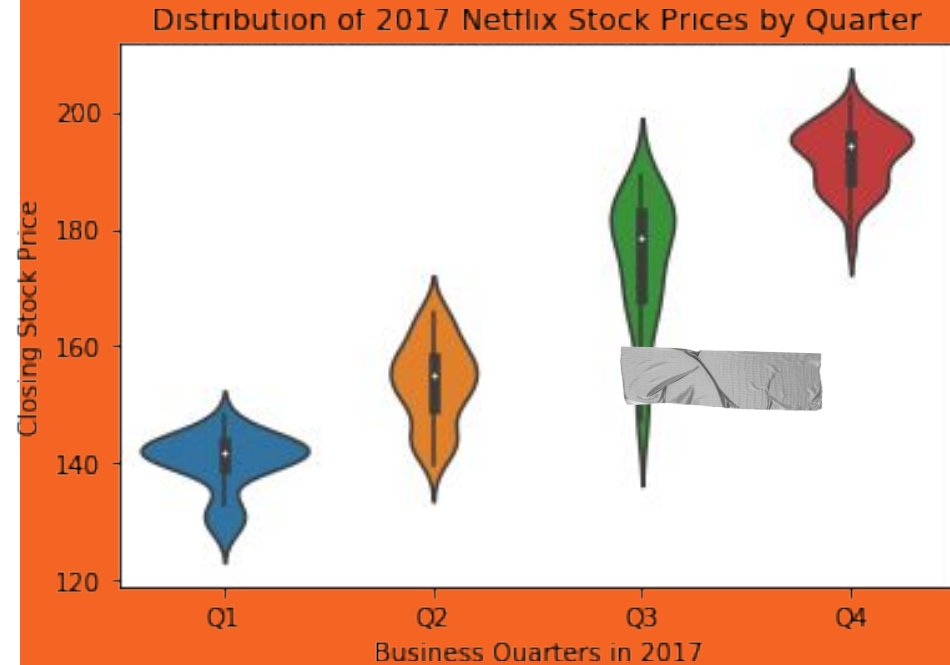
Analyses by Tushar Chandra

1. Visualisations

Visualisations I did on the given data of various kinds

➜ **Distribution of Netflix data**
   Violinplot for distribution of 2017 Netflix Stock Prices by Quarter.

➜ **Earnings per share in cents**
   Plotting scatterplot for earnings vs estimated per share in cents

➜ **Revenue and earnings generated per quarter**

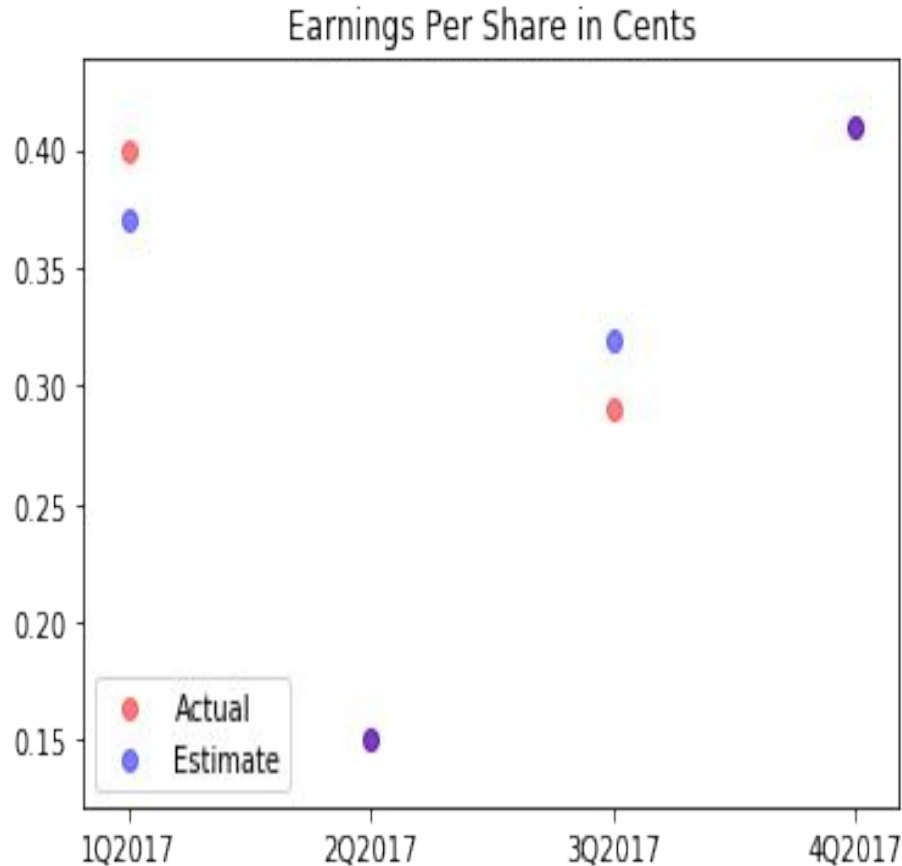➜ **Plotting yearly graph for Netflix and Dowjones and comparing them.**

Distribution of Netflix data for the year 2017 per quarter using violinplot.

Insight:

-> White dot represents median

-> Dark black box represents interquartile range

-> Extended black line represents first and third quartile range.

Distribution of 2017 Netflix Stock Prices by Quarter

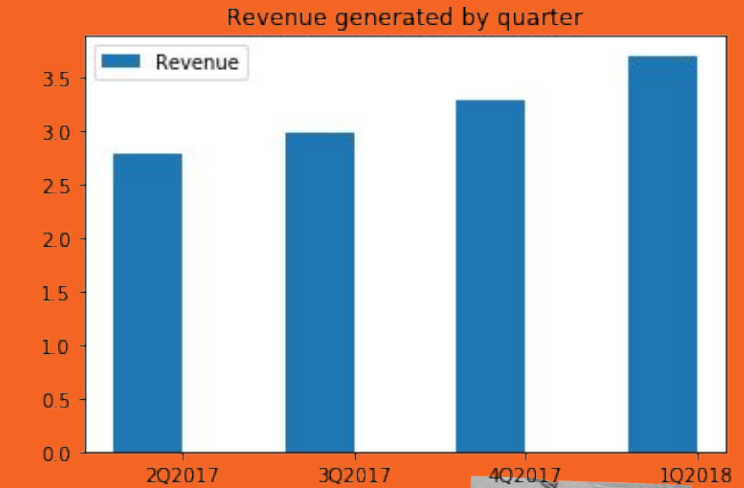# Actual Earnings vs. Estimated Price per share in cents

Insight:

The purple dots represent that actual and estimate price are the same and pink and blue makes purple color..

Revenue and Earnings generated by quarter

Insight:

The earnings and revenue are increasing with every quarter.

The earnings earned are nearly 2% of the revenue generated.

Plotting Stock price vs Date for Netflix and Dowjones for 2017

Netflix stocks rose up but were not very consistent throughout the year while Dowjones consistently increase throughout the year. Netflix is much more volatile. The price of Dowjones is way higher than Netflix.

Netflix

Dowjones