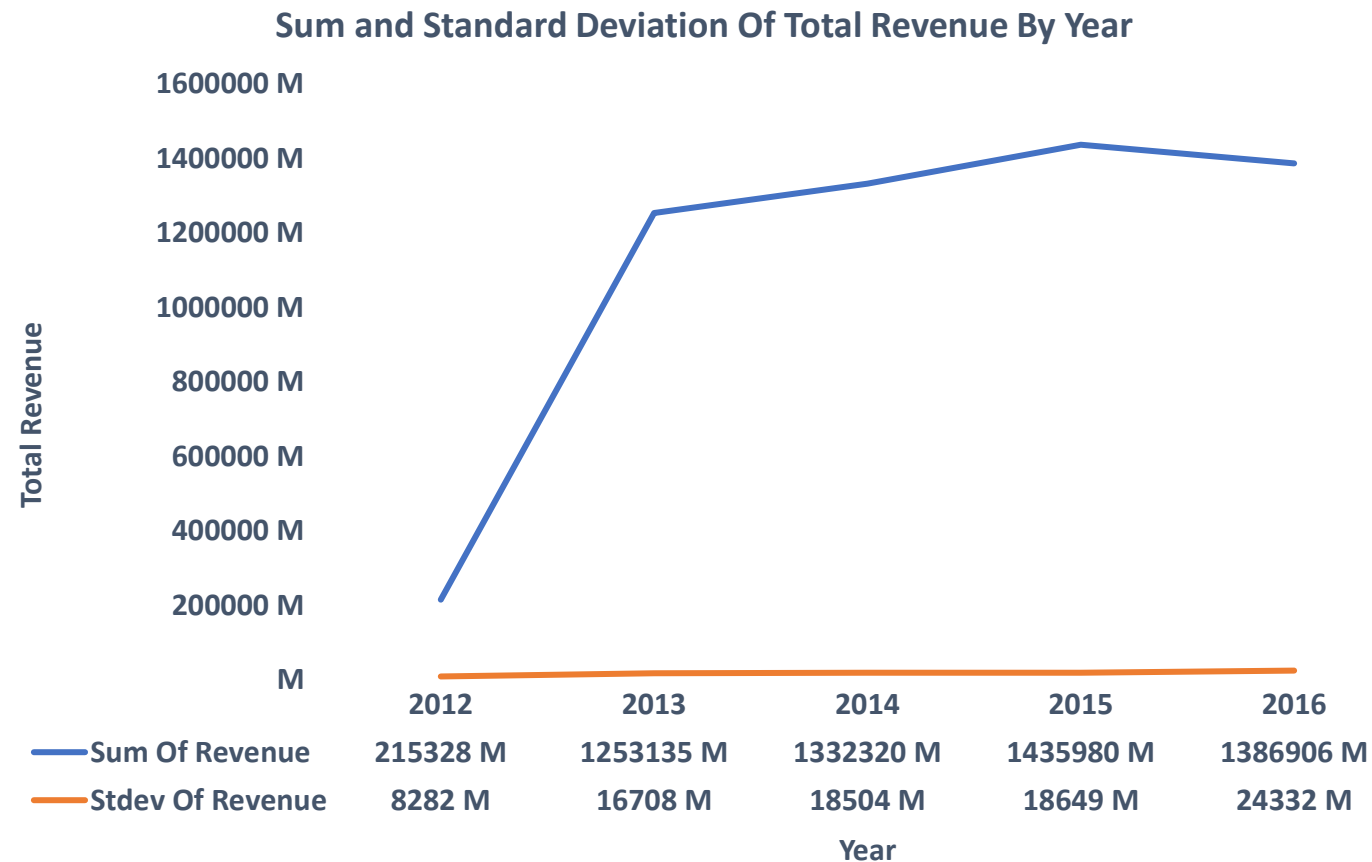




Business Analyst Nanodegree

Analyzing NYSE DATA

How does the revenue evolve across the year around Consumer Discretionary?

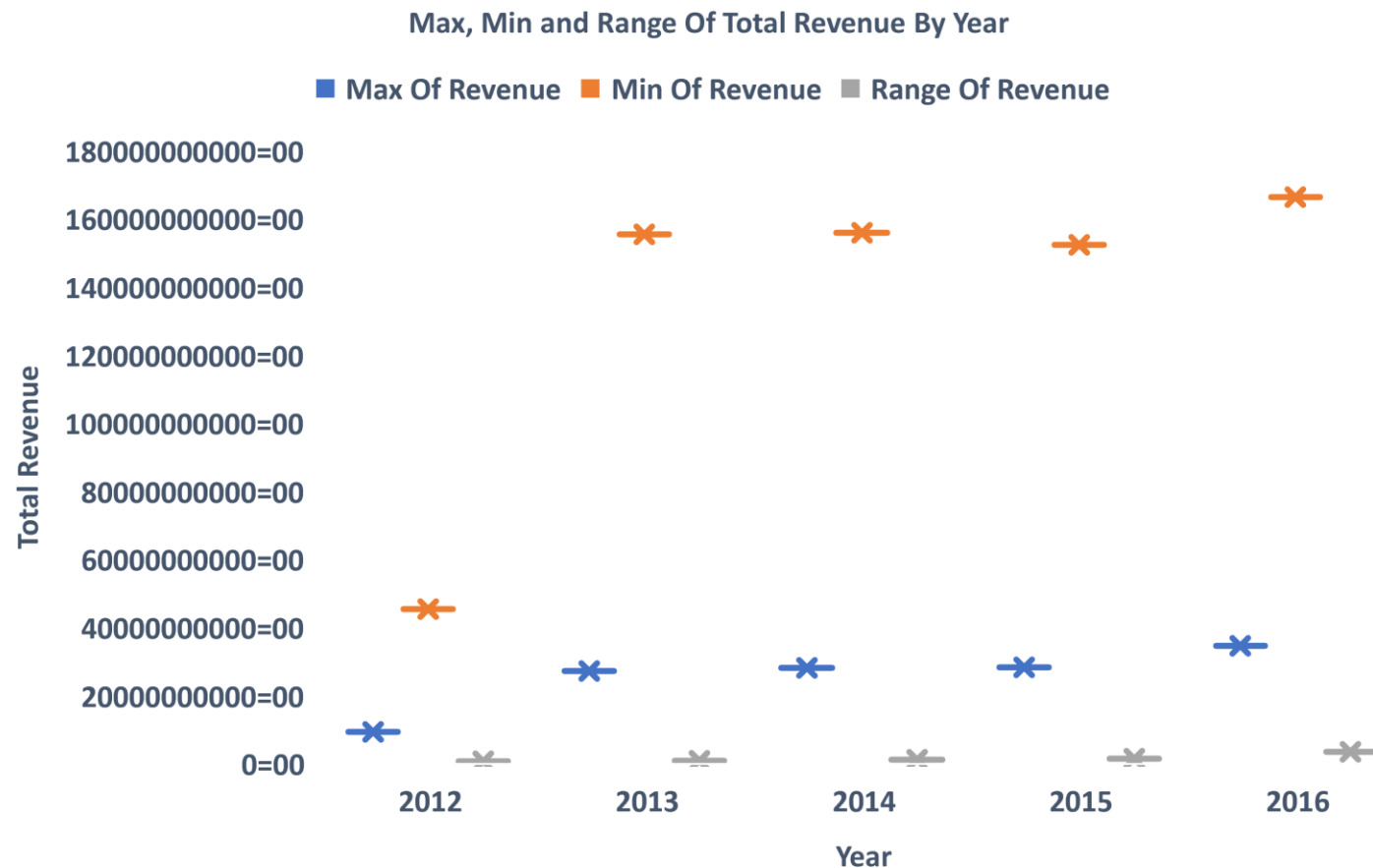


Consumer Discretionary has the highest revenue of gross income among all the sector.

Graph is showing the growth for 4 years. Where the distribution of sum of the total revenue is left skewed. Consumer Discretionary sector has mean of (\$18375508520) compared to Healthcare sector (\$23584296085) . It looks like Consumer Discretionary has lower total revenue on average than Healthcare.

Standard deviation for the revenue had an exponential growth in the initial year 2012 to 2013 where the growth continues till 2015 that is straight 4 years with a drop in 2016. Standard deviation is an indicator for understanding how spread out data is from the mean from sum of total revenue. Over the 4 year there is a growth of 160M in stdev.

How is the range total revenue evolve across the year around Consumer Discretionary?

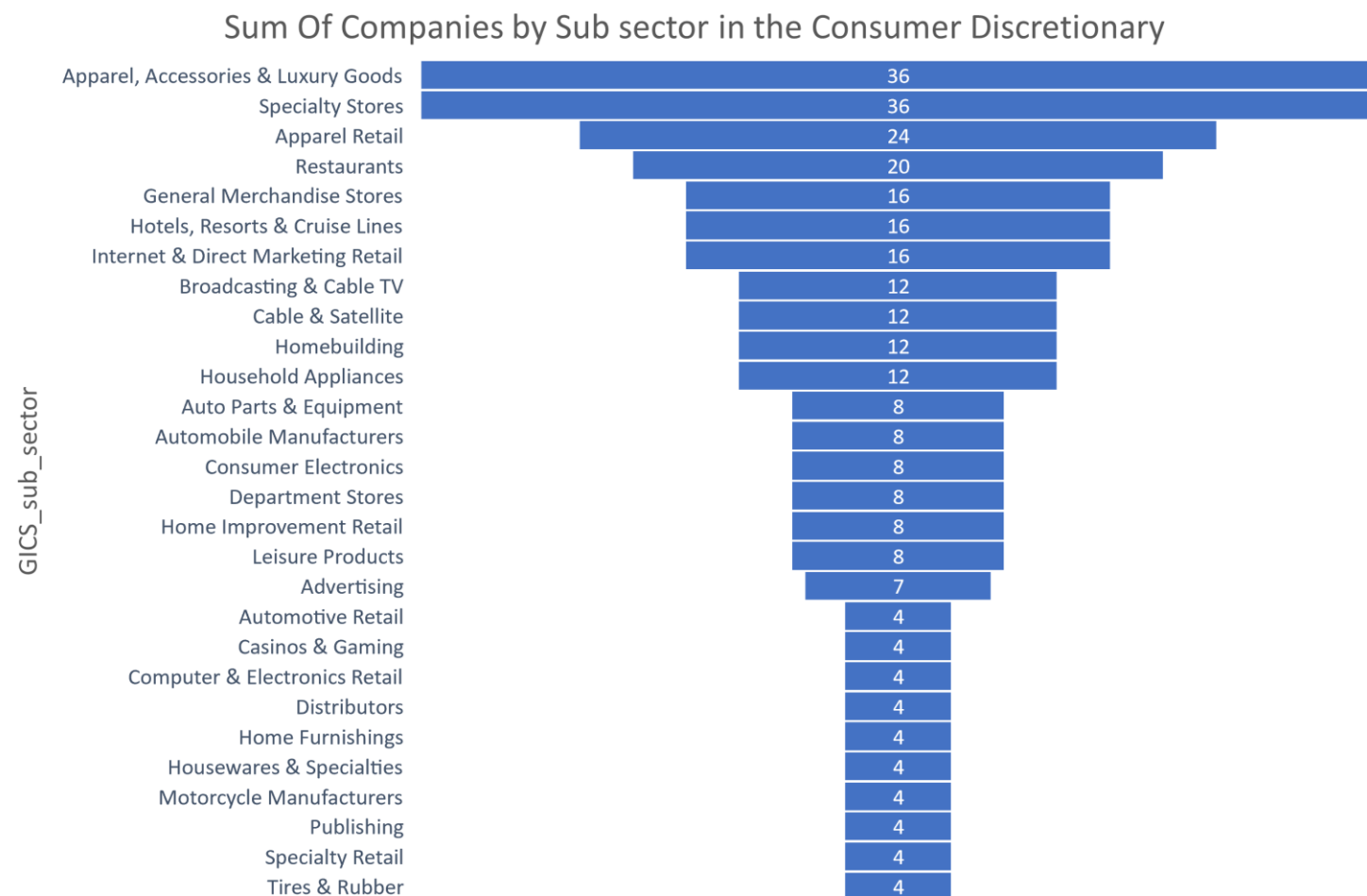


Graph is showing how data is spread with respect to range, max revenue and min revenue over years.

As observed very minimum variation is in the min of total revenue range for the straight 4 years. The max of total revenue were also not grown until the 3rd year, the growth is visible towards 4th year.

Consumer Discretionary has a lower range of 165B compared to Healthcare sector with a range of 189B. It is clear that companies in Healthcare sector have greater variability in total revenues they receive because the range is spread out.

Which GICS sub sectors make Consumer Discretionary a highest growing among all the other sectors?



Graph is showing count of GICS sub sector which makes Consumer Discretionary as the highest gross in revenue.

Funnel graph is showing the sub sectors with the count of brand store associated with.



Thank You