

# Project – Analyze NYSE Data

## Task – 1

### Slide Presentation

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# Which sub sector earned highest revenue of all Telecommunications industry in Year 3?

**All Telecommunications Industry Total Revenue for Year 3**



- This bar chart represents total revenue generated by all Telecommunications industries in Year-3. This visualization clearly indicates huge difference between total revenue of each individual sub sector. AT&T and Verizon has contributed the highest total revenue for Year-3.
- The average total revenue for all companies is \$57,821,200,000.00. This amount is more than three times higher than the value of median which is \$18,031,000,000.00. This indicates that the distribution is positively skewed.
- The standard deviation of total revenue of all companies in Year-3 is \$65,895,069,763.98. This value is higher than mean which indicates more spread out data. Higher standard deviation means the data values are far away from its average value. This represents the volatility in the total revenue generated by industries in the market.
- The minimum and maximum total revenue is \$4,772,000,000.00 and \$132,447,000,000.00 respectively, and the range of these values is a \$127,675,000,000.00 which is almost as much as total revenue of a single industry for that year. This is another indication that the values in this data set is widely spread out.
- The bar chart and the summary statistics conveys that among all sub sectors, only two companies - AT&T and Verizon are earning the highest revenue for the Year-3.