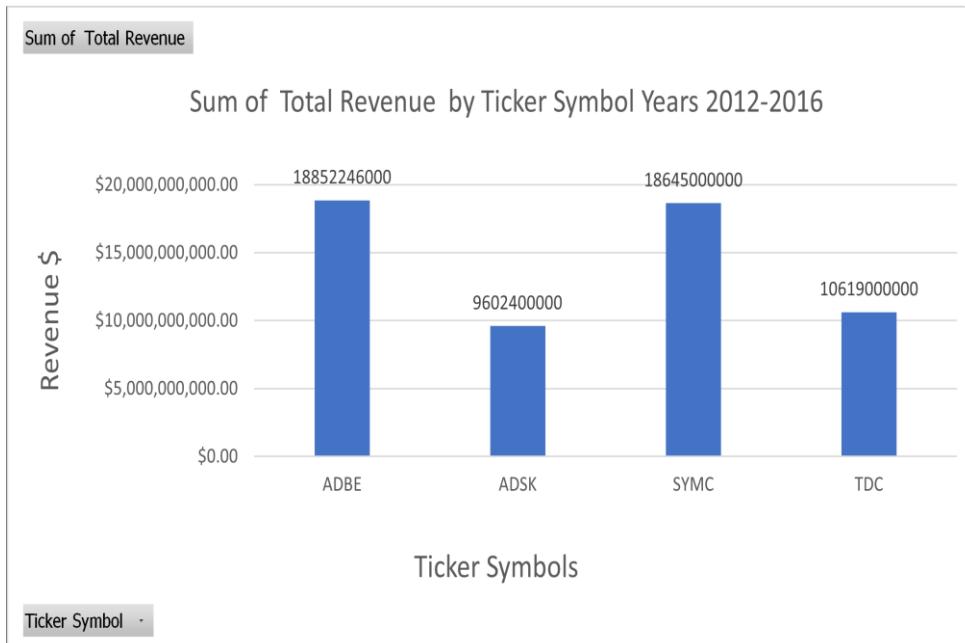


Project #2: Analyze NYSE Data

Prashant Robinson

Who is the most profitable company in the Information Technology Application Software sector year 2012-2014?



- Here you will see that I calculated the total revenue that each company had over a 4 year period from 2012-2016.
- The distribution that is depicted on the graph is symmetric which means that it is distributed normally.
- The Standard Deviation for all companies is \$2,087,888,398.13 in year 1 and dropped to \$986,145,865.46 in year 2 which tells me that the industry is highly volatile.
- The mean is \$3,984,610,00 in year 1 and slightly drops in year 3 with \$3,323,991,25. The mean increased in year 3 at \$3,498,927,750 and rises again in year 4 with \$3,622,132,500 which tells me that the IT Application Software industry was consistent in positive revenue over a 4 years.
- The Range in Year 1 is \$4,593,800,000 and drops to \$1,909,100,000 which tell me that a negative event may have happened during or at the end of year 1 as year 2 is the lowest revenue years across all statistics.

Sources:

Getty Images. (n.d.). *Trading in risky '0DTE' stock options hits record and could spark a stock-market selloff, strategists say*. Marketwatch.com. <https://www.marketwatch.com/story/trading-in-risky-0dte-stock-options-hits-record-and-could-a-stock-market-selloff-traders-say-41a35495>