

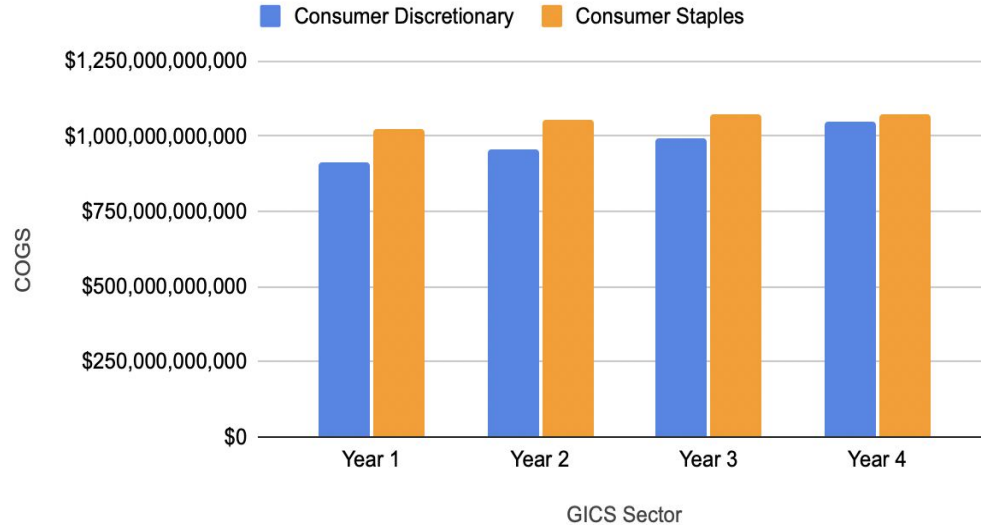


# Business Analytics

Analyze NYSE Data

# Q: Does the Consumer Discretionary sector Cost of Goods Sold trend similar to the Consumer Staples sector by year 4?

Consumer Discretionary and Consumer Staples Cost Of Goods Sold (COGS) over 4 Year period



The column chart presented shows the sum of the Cost of Goods Sold over 4 years for companies in the Consumer Discretionary and Consumer Staples.

Both sectors increased COGS over the first 3 years. In year 4 Discretionary increased by 5.55%, whereas Staples decreased by 0.15% from the previous year.

By year 4 both sectors spend about \$1 trillion. However, the mean for Consumer Discretionary is about \$13 Billion, and for Consumer staples is about \$44 billion. Also, the standard deviation for Consumer Staples is more at \$88 billion and \$25 billion for Consumer Discretionary. Even though the discretionary sector has more companies, the variability in GOGS for Staples companies is higher, which means in the staples sector 50% of companies spent over 13 billion in COGS, in comparison 50% of discretionary companies spent over 6 billion.

# Google Sheets link

<https://docs.google.com/spreadsheets/d/1HwJe0-n5aZfZtmzymTMB69-UJ7KILmoos84NgA9XhXU/edit?usp=sharing>