

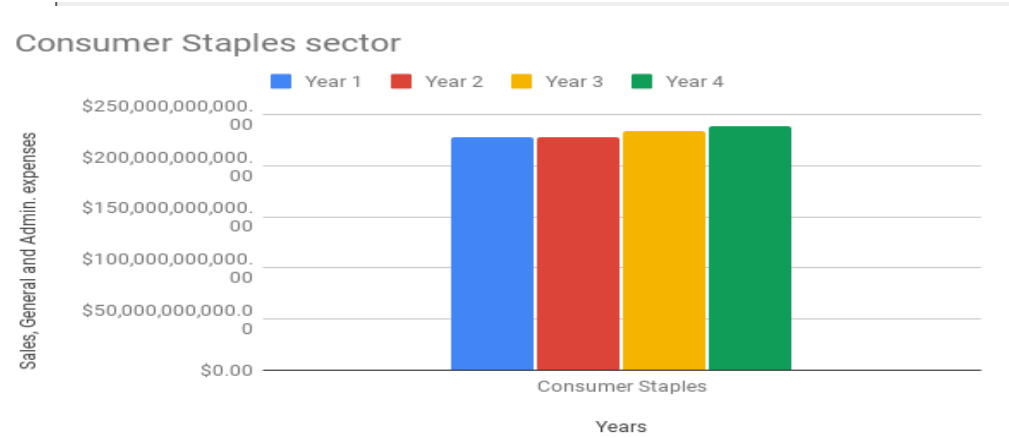
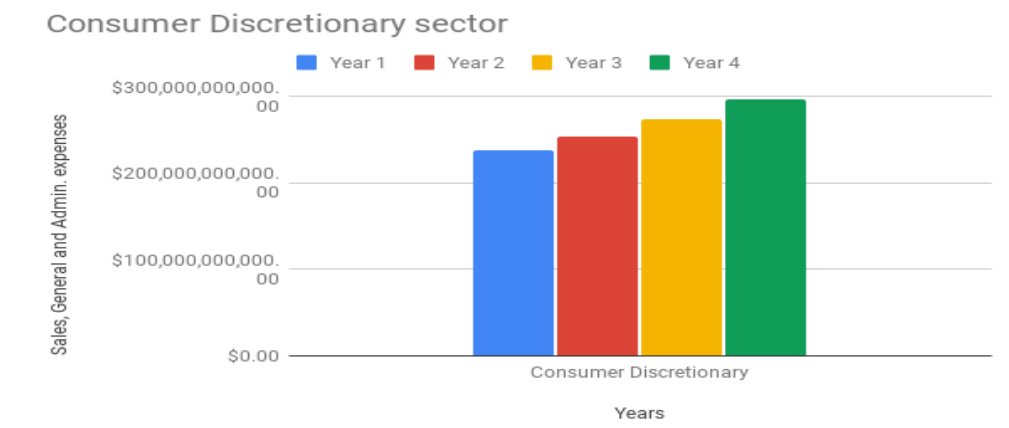
UDACITY DATA ANALYTICS NANODEGREE

POWERED BY ACCESSBANK

PROJECT 2: ANALYZE NYSE DATA

TASK 1: THE QUESTION

How does expenditure on sales, general and administrative costs in the Consumer Discretionary sector compare to the Consumer Staples sector over the 4 years?



The Consumer Discretionary sector spent higher amounts on sales, general and administrative costs with a total of \$1,061,780,331,000.00 and a mean of \$232,624,116,750.00. The Consumer Staples sector, on the other hand, had a mean spend on sales, general and administrative costs of \$232,624,116,750.00 and a total of \$930,496,467,000.00 over the 4 years. In both cases, the mean spend is higher than the median.

There was a standard deviation of about \$25,405,005,213.20 in the Consumer Discretionary sector, implying relatively high differences in said expenditure over the 4 years, whilst the Consumer Staples sector had a standard deviation of \$5,243,173,209.41. This is further backed by the expenditure ranges of \$59,016,459,000.00 and \$11,030,645,000.00 for the respective sectors on sales, general and administrative costs.

Overall, it may be said that companies in the Consumer Discretionary sector spend more on sales, general and administrative costs than the companies in the Consumer Staples sector spend

LINKS TO OTHER TASKS

Task 1 - the Question

https://docs.google.com/spreadsheets/d/1BG2cX7SGHGSofzVLkyz2uMv_PVxuzJzFdJxS1a3ygqY/edit?usp=sharing

Task 2 - Statement of Profit or Loss

https://docs.google.com/spreadsheets/d/1w32vCUmfyW5GFVh_oF6BAVNSLCaodztoQDC-3EM8r4o/edit?usp=sharing

Task 3 - Financial Model

https://docs.google.com/spreadsheets/d/1zLQhnuJgtsaz7h7ckQvSwYCIH2Jw_LQ--e3OZLFlWY0/edit?usp=sharing

THANK YOU