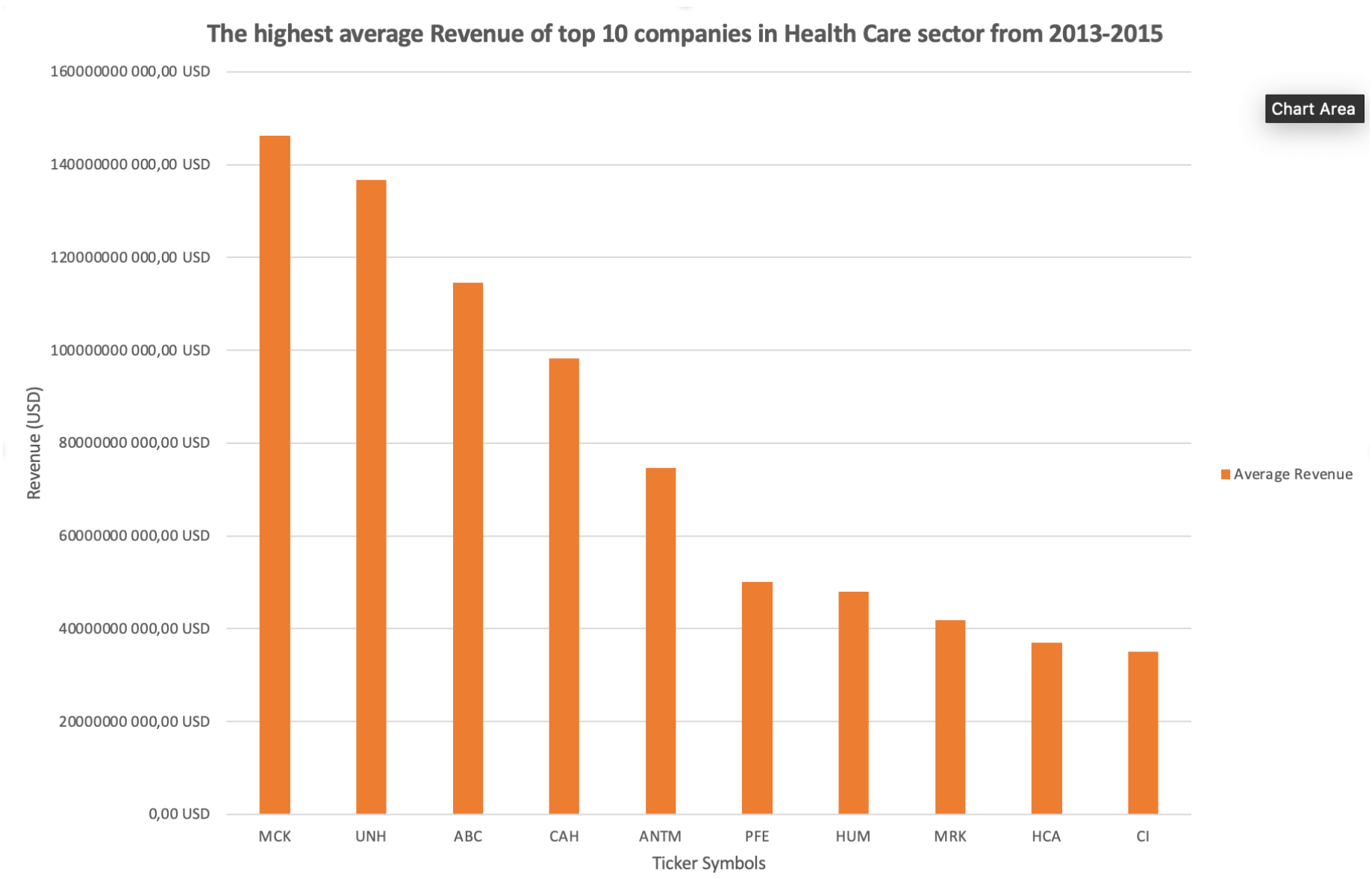

BUSINESS ANALYST PROJECT

Q1: What are the top 10 companies with the highest average revenues in the Health Care Sector from 2013-2015?

The bar chart shows the average or mean of revenue of the top 10 companies in Health Care sector. As can be seen, MCK earning \$146.211 billion ranked first in the list with its avg. revenue being higher by 4 times the lowest position of HCA with only \$35.056 billion. The differences among ticker symbols are insignificant during the period from 2013 to 2015.



Q2: How have COGs of the Information Technology and Real Estate sectors changed from 2013 to 2015?

Here are box plots of COGs of the IT and Real Estate sectors from 2013 to 2015. In general, COGs in IT are higher than COGs in Real Estate, and the mean is higher than the median in all years in each sector. IT went through ups and downs in the sector's COGs with the highest range of \$192 billion in 2013 and an unstable standard deviation, especially in 2013 with approximately \$49.3 billion. Meanwhile, Real estate experienced a gradual increase from a range of \$ 16.9 billion in 2013 to \$18.6 billion in 2015. The standard deviation of the real estate sector reflects an insignificant variability compared with that measure in IT sector as said.

