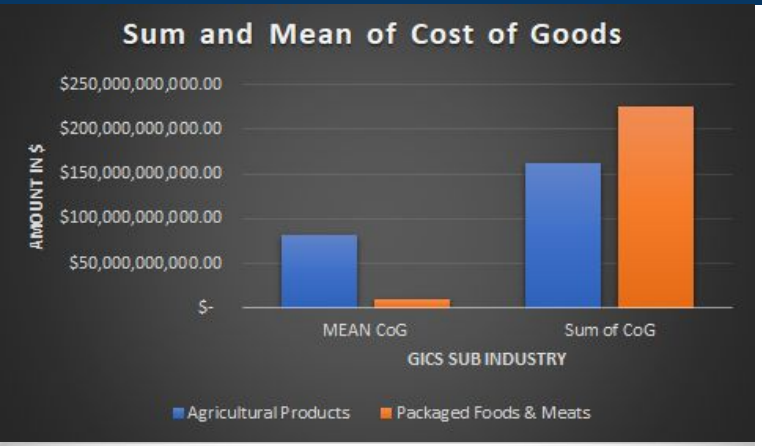
# How is the relation of ‘Cost of Goods Solds’ and ‘Revenue’ for ***Agricultural Products*** and ***Packaged Foods & Meats*** during years 2 and 3?





On the top left we have a Bar chart for the *mean* and *total sum* for Cost of Goods Sold for two Industries: “Agricultural Products (AP)” and “Packaged Foods and Meats (PFM)”.

The mean for Agricultural Products is around $81.2 billion, while for PFM is around $10.2 billion. As we can see the mean is higher for the AP, since we have just 2 inputs for those (considering just year 2 and 3 in this analysis), while for PFM we have 22 rows with inputs . Furthermore, the total sum of CoGS don’t show this big difference between them ($162.3 billion for AP and $224.9 billion for PFM) being higher for PFM, opposite to what it observed for the mean.

The *median* also show this difference between them: AP $81.2 billion and PFM $7.6 billion. But things change for the *standard deviation*, having AP a $4.7 billion of std and PFM a $9.8 billion, what confirm that for Packaged Foods and Meats the cost of goods vary more than for Agricultural Products, since we have more entries with more variance between them.

In the second graph (bottom left), we show the *mean* for the Gross Profit (calculated as Total Revenue - Cost of Goods Sold). Here, the difference is very small, what suggest that both industries have a similar revenue: $4.3 billion for AP and $4.09 billion for PFM, despite the previous differences observed in the mean, median and standard deviation.