

COSC304 Lab 8

Q3: written part:

First I will query based on top 10 selling products per year so from 2020 - 2023 then we will find the quantity sold and if we see a product that is one of the top 10 sold throughout all three of the years then we will have one of our top selling products, so that didn't work as it didn't have much correlation as some products may be selling great some years but not great the next but then the following year would have sold the best so, doing concurrently best selling products is impossible. Next, I asked AI the best way to do this, it recommended that we sum the product quantity sold over all of the years then order the products by what has sold the most over all of the summed years. This worked great, but we want more data as this would be enough. So we grabbed the growth rate of the top 3 products over the years as this is more of a cleaner metric.