How does the total revenue vary across different sectors ?

Across all sectors, **Consumer Staples** has the highest total revenue, totaling approximately $5.73 trillion. The mean total revenue for this sector is $43.41 billion, with a median of $13.86 billion, indicating significant revenue variation among companies. The standard deviation of $85.16 billion and a range of $485.65 billion further highlight this variability, which aligns with the nature of consumer staples, including essential goods that are consistently in demand.

The **Energy** sector also shows substantial total revenue at approximately $4.83 trillion. It has a mean total revenue of $38.98 billion and a median of $11.78 billion, reflecting the sector's significant scale. The standard deviation of $79.54 billion and a range of $450.33 billion indicate a wide distribution in company revenues, typical of the energy industry's variability due to factors like fluctuating commodity price

An interesting insight is that the **Information Technology** sector has a high standard deviation of $31.99 billion and a range of $232.84 billion in total revenue, with a mean of $15.93 billion and a median of $5.04 billion. This suggests a wide variance in company sizes or market share within this sector, highlighting the diverse landscape of companies, from large multinationals to smaller tech firms.

Utilities show lower variability, with a mean of $11.14 billion and a median of $10.90 billion, suggesting more consistent performance across companies. The standard deviation of $6.19 billion and a range of $28.51 billion further support this observation of relative uniformity. In contrast, sectors like **Health Care** and **Materials** exhibit higher variability, which could be due to diverse sub-industries or varying market dynamics, with Health Care showing a standard deviation of $37.61 billion and Materials showing a standard deviation of $9.09 billion.