Practice Exercise

Objective:

Conduct a comparison analysis of iPhone 15 sales and iPhone 14 sales.

Datasets:

1. fact_sales_Iphone14.csv
2. fact_sales_Iphone15.csv
3. dim_stores.csv

Tasks:

Here is a brief overview of the workflow for the task:

1. Review the data (fact_sales_Iphone14 and fact_sales_Iphone15).
2. Metrics to compare - iPhone 14 sales and iPhone 15 sales.
3. Calculate the variance (absolute difference value) between the iPhone 15 sales and iPhone 14 sales for the identified metrics. ABS([Iphone 15 Sales]-[Iphone 14 Sales]).
4. Calculate the variance (in percentage) between the iPhone 15 sales and iPhone 14 sales for the identified metrics. [([Iphone 15 Sales]-[Iphone 14 Sales])/[Iphone 14 Sales].
5. Provide a complete report of the difference in numbers between the iPhone 15 sales and iPhone 14 sales data across the top 10 countries.

Please ensure that you thoroughly analyze the datasets and provide a comprehensive report of the differences.

Attaching a screenshot from a sample report. It will give you a better idea of what it looks like and how the final output should be presented.

iPhone Sales Comparision

country_name	Iphone 14 Sales	Iphone 15 Sales	Absolute Sales Variance	Sales Variance %
Brazil				
Germany				
India				
Malaysia				
Qatar				
North Korea				
Australia				
Canada				
UAE				
United States				
Total				