ITI Excel Visualization Task

# Dashboard by Excel Company named: Phonie mean business, selling phones.

Header with hyperlinks to Branch-level & Dashboard

The header of the dashboard contains hyperlinks that allow users to navigate to different sections of the dashboard, such as the branch-level data and the main dashboard.

## Slicers:

**Year:** Use this slicer to filter the data by year.

**Month:** Use this slicer to filter the data by month.

**Branch:** Use this slicer to filter the data by branch.

**Product:** Use this slicer to filter the data by product.

## General Dashboard Tab

This tab contains general overview charts that provide key insights into the company's performance.

**Total Sales:** This chart displays the total sales revenue over the selected time period.

**Total Quantity:** This chart shows the total quantity of phones sold over the selected time period.

**Total Profit:** This chart illustrates the total profit generated by the company over the selected time period.

**Quantity sold over time:** This chart presents the trend of quantity sold over time, allowing users to observe any patterns or fluctuations in sales volume.

**Sales Vs COGS:** This chart compares the sales revenue with the cost of goods sold (COGS), providing insights into the profitability of the business.

Branches Tab

In this tab, users can analyze sales performance and other metrics by individual branches.

**Sales by Branch Sorted:** This chart presents the sales revenue for each branch, sorted in descending order.

**Quantity by Branch Sorted:** This chart displays the quantity of phones sold by each branch, sorted in descending order.

**Bar Chart:** Branches Sales Vs COGS over Time: This chart compares the sales revenue and COGS for each branch over time, allowing users to identify trends and make informed decisions.

Data wrangling process

In the data wrangling process, the following steps were performed:

Added profit column: A new column called "Profit" was created by subtracting COGS from the sales revenue. This allows for better analysis and understanding of the profitability of each sale.

Note**:** The data provided for the dashboard was already cleaned and processed by the course instructor, ensuring its reliability and accuracy.