# Practical 14: Sales Data Workbook

## Aim:-

To analyze sales data using Excel formulas and charts.

## Objectives:-

- To use SUMIF formulas
- To filter categories

## Materials Required:-

- Excel

## Procedure:-

1. Enter or import sales data – Add sales records manually or import them from an external file to build your dataset.

2. Sort and filter – Organize the data by sorting and apply filters to focus on specific products, dates, or regions.

3. Use SUMIF – Apply the SUMIF function to total sales based on a chosen condition, such as product type or salesperson.

4. Extract text using LEFT/RIGHT – Use LEFT or RIGHT functions to pull specific characters from product codes or IDs

5. Create line chart – Plot a line chart to visualize sales trends over time for clearer analysis.

6. Protect sheet – Lock the sheet or specific cells to prevent unauthorized edits and maintain data integrity.

# Output:-

# Store_Sales:-

| | Store_Sales sheet | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Product | Category | Quantity | Price | Total Sales | Total sum of product | | |
| Headphones | | Electronics | 5 | 1000 | 5000 | 39800 | Highest Value of sale | |
| Headphones | | Electronics | 5 | 1500 | 7500 | | | |
| Headphones | | Electronics | 5 | 1500 | 7500 | | 8400 | |
| Keyboard | | Electronics | 7 | 1200 | 8400 | | | |
| Mouse | | Electronics | 10 | 500 | 5000 | | Lowest Value of sale | |
| Notebook | | Stationery | 20 | 100 | 2000 | | | |
| Pen | | Stationery | 50 | 20 | 1000 | | 1000 | |
| Pen Drive | | Electronics | 8 | 800 | 6400 | | | |

Store_Sales　Summary　Chartsheets

# Summary:-

W4    Month

## Store_Sales sheet

| Product | Category | Quantity | Price | Total Sales | Month | Total sum of product Electronics | | | |
|---------|----------|----------|-------|-------------|-------|----------------------------------|---|---|---|
| Headphones | Electronics | 5 | 1000 | 5000 | January | 39800 | | | |
| Headphones | Electronics | 5 | 1500 | 7500 | January | | Highest Value of sale | | |
| Headphones | Electronics | 5 | 1500 | 7500 | January | | 8400 | | |
| Keyboard | Electronics | 7 | 1200 | 8400 | February | | | | |
| Mouse | Electronics | 10 | 500 | 5000 | January | | Lowest Value of sale | | |
| Notebook | Stationery | 20 | 100 | 2000 | February | | | | |
| Pen | Stationery | 50 | 20 | 1000 | March | | 1000 | | |
| Pen Drive | Electronics | 8 | 800 | 6400 | March | | | | |

Store_Sales    Summary    Chartsheets    +

# Chartsheets:-

AV128



Chart Title (line chart: January ≈25000, February ≈10500, march ≈7500)

Store_Sales    Summary    Chartsheets    +