

Practical No. 14

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.

QUES 14_SAMPLE DATA.xlsx - Excel

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Store_Sales sheet

Date	Product	Category	Quantity	Price	Total Sales
01-01-2025	Headphones	Electronics	5	1000	5000
01-01-2025	Headphones	Electronics	5	1500	7500
01-01-2025	Headphones	Electronics	5	1500	7500
12-02-2025	Keyboard	Electronics	7	1200	8400
05-01-2025	Mouse	Electronics	10	500	5000
18-02-2025	Notebook	Stationery	20	100	2000
22-03-2025	Pen	Stationery	50	20	1000
10-03-2025	Pen Drive	Electronics	8	800	6400

NOTE: To calculate Total Sales (=D2*E2)

Store_Sales Summary Charts

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SALES SUMMARY		Total Sales	Month-Wise Total Sales Analysis
		5000	
AVG	5350	7500	First, here is the aggregated data calculated from your table:
SUM	42800	7500	
		8400	January: 25,000 (5,000 + 7,500 + 7,500 + 5,000)
		5000	
		2000	February: 10,400 (8,400 + 2,000)
		1000	
		6400	March: 7,400 (1,000 + 6,400)

Store_Sales Summary Charts

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