

Calculating Product Sales process in MS Excel

This Activity will challenge you to develop Excel basics and formulas to manage sales information. You'll leverage the following technologies:

1. MS Excel and Formulas

Tasks:

1. Calculating Total Sales

Problem: A sales team wants to calculate the total sales for the month. They have a table with the following columns: Date, Product, Quantity, and Price.

Date	Product	Quantity	Price
2024-07-01	A	10	10.99
2024-07-02	B	20	9.99
2024-07-03	A	15	10.99

2. Finding the Highest Sales Day

Problem: The sales team wants to find the day with the highest sales.

Date	Product	Quantity	Price
2024-07-01	A	10	10.99
2024-07-02	B	20	9.99
2024-07-03	A	15	10.99

3. Creating a Budget Tracker

Problem: A person wants to track their expenses and stay within a budget of \$1000 per month.

Category	Expense	Amount
Rent		500
Utilities		150
Food		200

Deliverables:

- A well-defined Excel formula.
- Basic options of Excel.

Bonus Challenge:

- Implement data processing.

Solutions

1. Solution: Use the SUM function to calculate the total sales.
=SUM(Quantity*Price)
2. Use the MAX function to find the highest sales day.
=MAX(SUMIFS(Quantity*Price, Date, Date))
3. Use the SUM function to calculate the total expenses and compare it to the budget.
=SUM(Amount) <= 1000