DATA VISUALIZATION

Topic: HLOOKUP (Horizhantal lookup function)

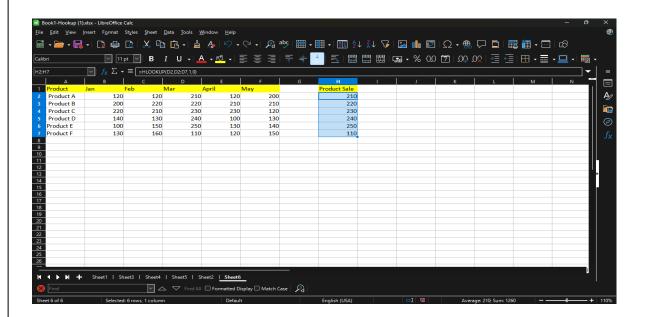
Questions:

- 1. Use HLOOKUP to find the sales for Product A in March.
- 2. Use HLOOKUP to find the sales for Product D in May.
- 3. Use HLOOKUP to find the sales for Product C in February.
- 4. Use HLOOKUP to find the sales for each month for a product, then calculate the total sales for that product.
- 5. Use HLOOKUP to find the maximum sales value for Product B across all months.
- 6. Use HLOOKUP to find the minimum sales value for Product F across all months.
- 7. Use HLOOKUP to find the average sales value for Product E across all months.

1) Use HLOOKUP to find the sales for Product A in March.

Formula Syntax: =HLOOKUP("March", A1:D4, 2, FALSE)

Formula Used: =HLOOKUP(D2,D2:D7,1,0)

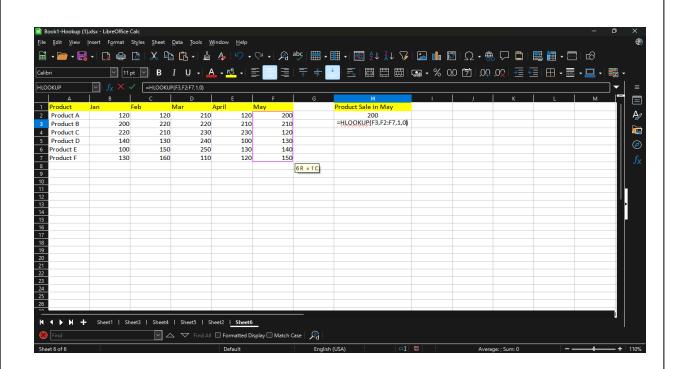


2. Use HLOOKUP to find the sales for Product D in May.

Solution:

Formula Syantax : =HLOOKUP("May", A1:D4, 2, FALSE)

formula used : =HLOOKUP(F3,F2:F7,1.0)

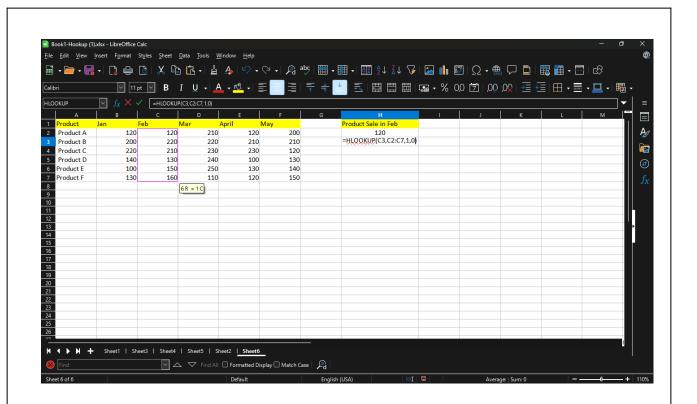


3. Use HLOOKUP to find the sales for Product C in February.

Solution:

Formula: =HLOOKUP("May", A1:D4, 2, FALSE)

Formula Used: =HLOOKUP(C3,C2:C7,1,0)

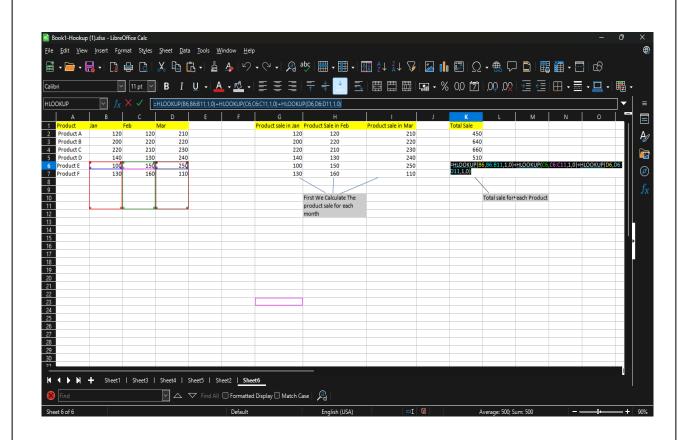


4. Use HLOOKUP to find the sales for each month for a product, then calculate the total sales for that product.

Solution: Formula for total sale

Formula Syntax : =HLOOKUP("January", A1:D4, 2, FALSE) + HLOOKUP("February", A1:D4, 2, FALSE) + HLOOKUP("March", A1:D4, 2, FALSE)

Formula Used: =HLOOKUP(B2,B2:B7,1,0)+HLOOKUP(C2,C2:C7,1,0)+HLOOKUP(D2,D2:D7,1,0)

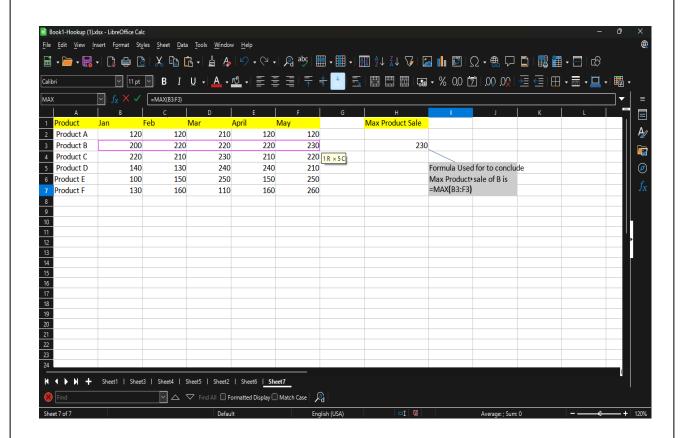


5. Use HLOOKUP to find the maximum sales value for Product B across all months.

Solution:

Formula Syntax : =MAX(HLOOKUP("Product B", A1:G2, 2, FALSE))

Formula Used: =MAX(B3:F3)

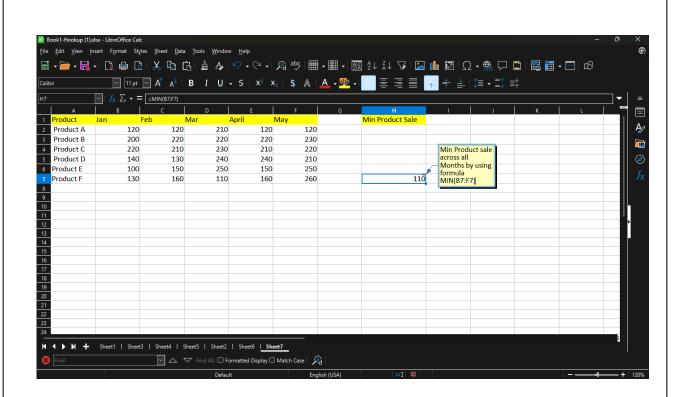


6. Use HLOOKUP to find the minimum sales value for Product F across all months.

Solution:

Formula Syntax : =MIN(HLOOKUP("Product F", A1:G4, 3, FALSE))

Formula Used: MIN(B7:F7)



7. Use HLOOKUP to find the average sales value for Product E across all months.

Solution:

Formula Syntax : =AVERAGE(HLOOKUP("Product E", A1:G6, 5, FALSE))

Formula Used: =AVERAGE(HLOOKUP(B6,B6:F6,1,0))

