

DATA VISUALIZATION

Topic - VlookUp(Vertical Lookup Function)

Worksheet 1: Products

ProductID	Product	Price
101	Product A	120
102	Product B	150
103	Product C	200
104	Product D	90
105	Product E	220
106	Product F	130

Worksheet 2: Orders

OrderID	ProductID	Quantity
1	101	2
2	103	1
3	105	4
4	106	3
5	102	5
6	104	6

Questions:-

1. Use VLOOKUfl to find the product names for each flroductID in the Orders worksheet.
2. Use VLOOKUfl to find the price for each flroductID in the Orders worksheet, then calculate the Totalflrice by multiplying the Quantity by the flroduct flrice.
3. Use VLOOKUfl to check if there are any flroductIDs in the Orders worksheet that do not exist in the flroducts worksheet.
4. Assume a discount of 10% is given on all products. Use VLOOKUfl to find the original price and then calculate the discounted price.
5. Use VLOOKUfl to find the price for each flroductID and then calculate the order value. Find the maximum order value from the list.
6. Use VLOOKUfl to find out which products from the flroducts worksheet have not been ordered.
7. Use VLOOKUfl to find the flroduct name and summarize the total quantity sold for each product

1. Use VLOOKUP to find the product names for each ProductID in the Orders worksheet.

[illegible]

2. Use VLOOKUP to find the price for each ProductID in the Orders worksheet, then calculate the TotalPrice by multiplying the Quantity by the Product Price.

[illegible]

3. Use VLOOKUP to check if there are any ProductIDs in the Orders worksheet that do not exist in the Products worksheet.

Orders - Excel Nehashri Dusa

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Clipboard Font Alignment Number Styles

Calibri 11

B I U A A

Alignment

Number

Conditional Formatting

Format as Table

Cell Styles

Cells

E8

\times \checkmark f_x

=SUM(E2:E7)

	A	B	C	D	E	F	G
1	OrderID	ProductID	Quantity	Product Name	Product Price	Total Price	check
2	1	101	2	Product A	120	240	Exists
3	2	103	1	Product C	200	200	Exists
4	3	105	4	Product E	220	880	Exists
5	4	106	3	Product F	130	390	Exists
6	5	102	5	Product B	150	750	Exists
7	6	104	6	Product D	90	540	Exists
8				Order Price	910		
9				Max Order Price	220		
10							
11							

4. Assume a discount of 10% is given on all products. Use VLOOKUP to find the original price and then calculate the discounted price.

[illegible]

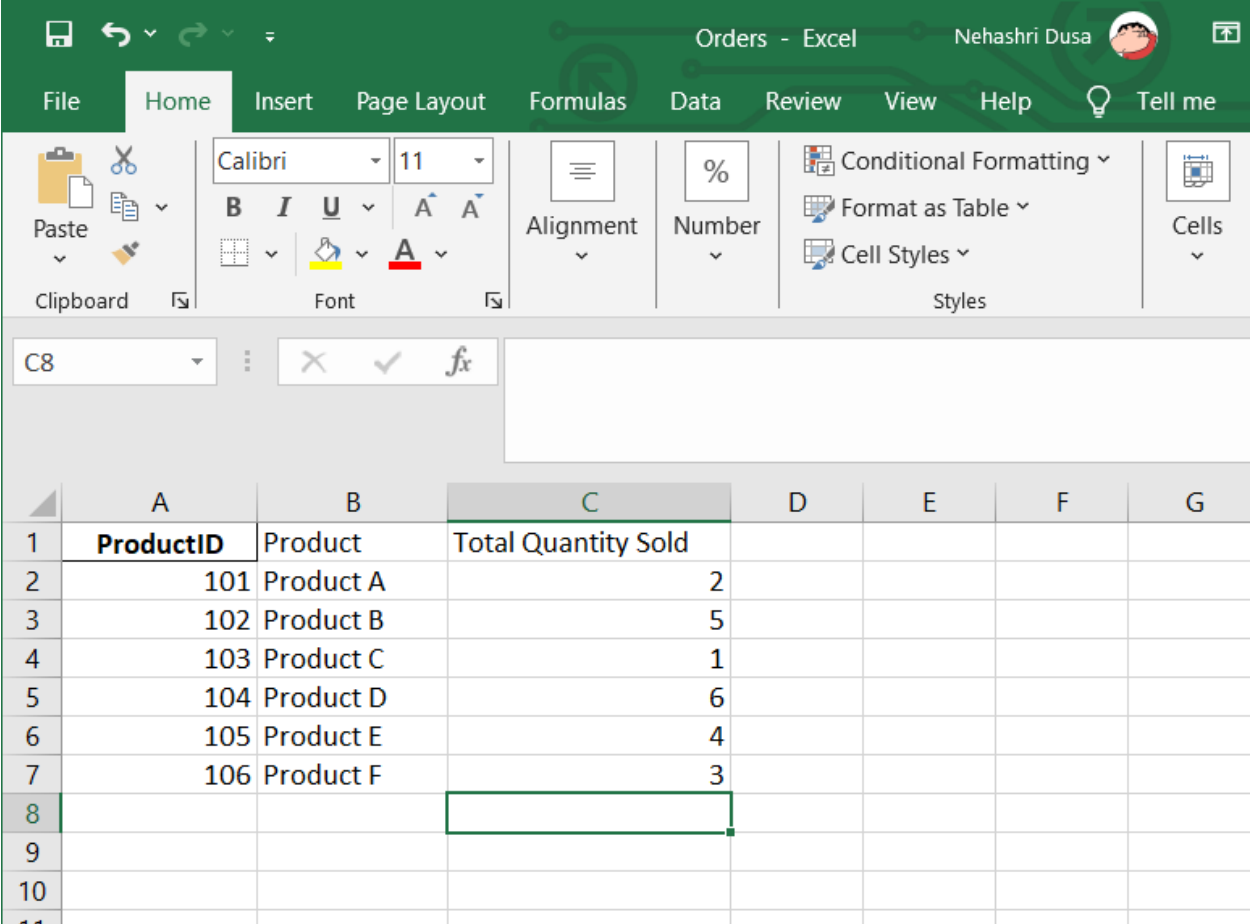
5. Use VLOOKUP to find the price for each ProductID and then calculate the order value. Find the maximum order value from the list.

	A	B	C	D	E	F	G	H
1	OrderID	ProductID	Quantity	Product Name	Product Price	Total Price	Discount Price	
2	1	101	2	Product A	120	240	108	
3	2	103	1	Product C	200	200	180	
4	3	105	4	Product E	220	880	198	
5	4	106	3	Product F	130	390	117	
6	5	102	5	Product B	150	750	135	
7	6	104	6	Product D	90	540	81	
8				Order Price	910			
9				Max Order Price	220			
10								

6. Use VLOOKUP to find out which products from the Products worksheet have not been Ordered

	C	D	E	F	G	H	I
1	Quantity	Product Name	Product Price	Total Price	check	Discount Price	Ordered Status
2	2	Product A	120	240	Exists	216	Ordered
3	1	Product C	200	200	Exists	180	Ordered
4	4	Product E	220	880	Exists	792	Ordered
5	3	Product F	130	390	Exists	351	Ordered
6	5	Product B	150	750	Exists	675	Ordered
7	6	Product D	90	540	Exists	486	Ordered
8		Order Price	910				
9		Max Order Price	220				
10							
11							
12							

7. Use VLOOKUP to find the Product name and summarize the total quantity sold for each product.



	A	B	C	D	E	F	G
1	ProductID	Product	Total Quantity Sold				
2	101	Product A	2				
3	102	Product B	5				
4	103	Product C	1				
5	104	Product D	6				
6	105	Product E	4				
7	106	Product F	3				
8							
9							
10							

