Data Visualization

Assignment on Hlookup

Product Name	Jan	Feb	Mar	Apr	May
Product A	120	130	140	150	160
Product B	150	160	170	180	190
Product C	200	210	220	230	240
Product D	90	100	110	120	130
Product E	220	230	240	250	260
Product F	130	140	150	160	170

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.

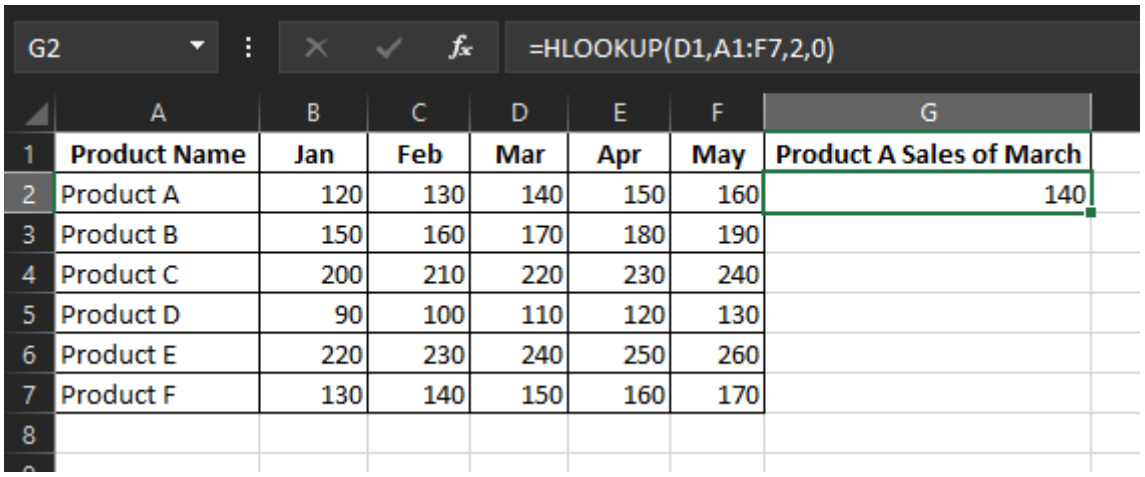
4. Use HLOOKUP to find the sales for each month for a product, then calculate the total sales for that product.

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.

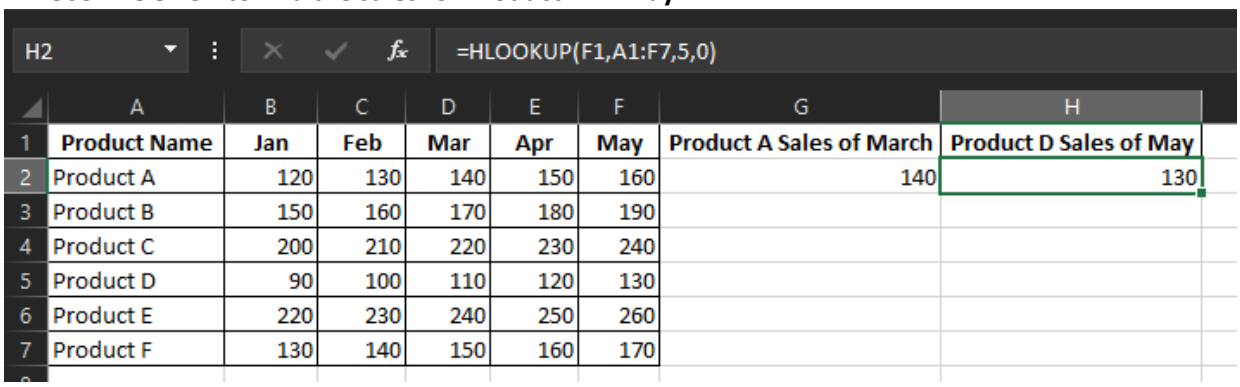
7. Use HLOOKUP to find the average sales value for Product E across all months.

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



	A	B	C	D	E	F	G
1	**Product Name**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Product A Sales of March**
2	Product A	120	130	140	150	160	140
3	Product B	150	160	170	180	190	
4	Product C	200	210	220	230	240	
5	Product D	90	100	110	120	130	
6	Product E	220	230	240	250	260	
7	Product F	130	140	150	160	170	
8							

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



	A	B	C	D	E	F	G	H
1	**Product Name**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Product A Sales of March**	**Product D Sales of May**
2	Product A	120	130	140	150	160	140	130
3	Product B	150	160	170	180	190		
4	Product C	200	210	220	230	240		
5	Product D	90	100	110	120	130		
6	Product E	220	230	240	250	260		
7	Product F	130	140	150	160	170		

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

I2 =HLOOKUP(C1,A1:F7,4,0)

	A	B	C	D	E	F	G	H	I
1	Product Name	Jan	Feb	Mar	Apr	May	Product A Sales of March	Product D Sales of May	Product c Sales of Feb
2	Product A	120	130	140	150	160	140	130	210
3	Product B	150	160	170	180	190			
4	Product C	200	210	220	230	240			
5	Product D	90	100	110	120	130			
6	Product E	220	230	240	250	260			
7	Product F	130	140	150	160	170			

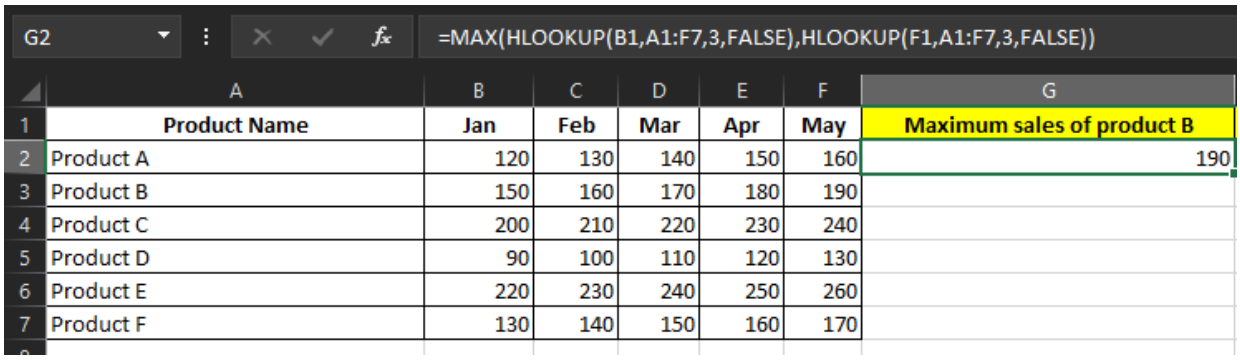
4. Use HLOOKUP to find the sales for each month for a product, then calculate the total sales for that product.

B15 =SUM(B10:B14)

	A	B	C	D	E	F
1	Product Name	Jan	Feb	Mar	Apr	May
2	Product A	120	130	140	150	160
3	Product B	150	160	170	180	190
4	Product C	200	210	220	230	240
5	Product D	90	100	110	120	130
6	Product E	220	230	240	250	260
7	Product F	130	140	150	160	170
8						
9						
10	Jan	910				
11	Feb	970				
12	Mar	1030				
13	Apr	1090				
14	May	1150				
15	Total Sales for Product	5150				
16						

Ritesh Verma:
=SUM(HLOOKUP(A10,A1:F7,{2,3,4,5,6,7},0))

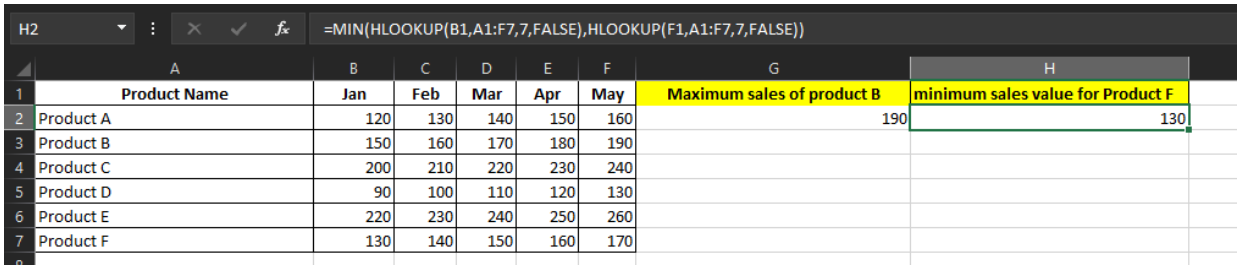
5. Use HLOOKUP to find the maximum sales value for Product B across all months.



G2 =MAX(HLOOKUP(B1,A1:F7,3,FALSE),HLOOKUP(F1,A1:F7,3,FALSE))

	A	B	C	D	E	F	G
1	Product Name	Jan	Feb	Mar	Apr	May	Maximum sales of product B
2	Product A	120	130	140	150	160	190
3	Product B	150	160	170	180	190	
4	Product C	200	210	220	230	240	
5	Product D	90	100	110	120	130	
6	Product E	220	230	240	250	260	
7	Product F	130	140	150	160	170	

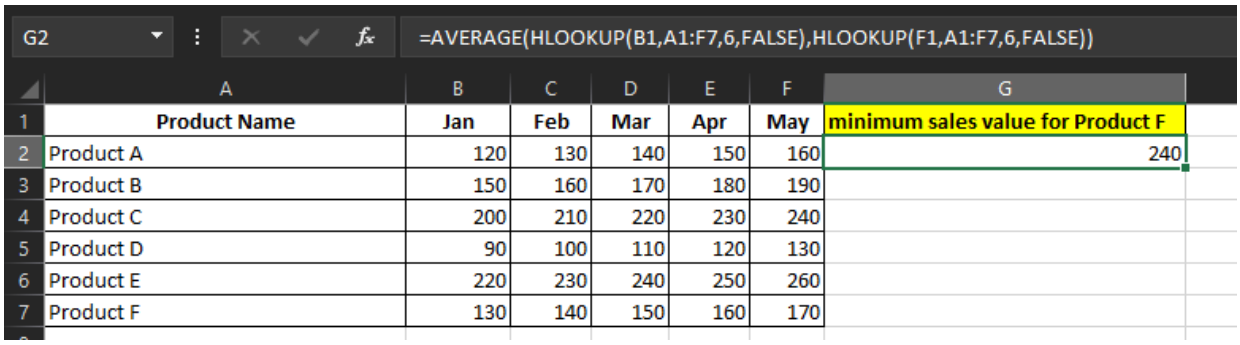
6. Use HLOOKUP to find the minimum sales value for Product F across all month.



H2 =MIN(HLOOKUP(B1,A1:F7,7,FALSE),HLOOKUP(F1,A1:F7,7,FALSE))

	A	B	C	D	E	F	G	H
1	Product Name	Jan	Feb	Mar	Apr	May	Maximum sales of product B	minimum sales value for Product F
2	Product A	120	130	140	150	160	190	130
3	Product B	150	160	170	180	190		
4	Product C	200	210	220	230	240		
5	Product D	90	100	110	120	130		
6	Product E	220	230	240	250	260		
7	Product F	130	140	150	160	170		

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



	A	B	C	D	E	F	G
1	**Product Name**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**minimum sales value for Product F**
2	Product A	120	130	140	150	160	240
3	Product B	150	160	170	180	190	
4	Product C	200	210	220	230	240	
5	Product D	90	100	110	120	130	
6	Product E	220	230	240	250	260	
7	Product F	130	140	150	160	170	