EXCEL FORMULAS

SUM

	A	B	C	D	E	F	G	H	I
SUM			fx	=SUM(D:D)					
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned			
2	ORD0001	A102	CUST002	100	$1,800	No			
3	ORD0002	A108	CUST002	75	$270	No			Total Amount
4	ORD0003	A101	CUST004	100	$1,200	No			=SUM(D:D)
5	ORD0004	A105	CUST004	100	$1,400	No			
6	ORD0005	A105	CUST006	50	$700	No			
7	ORD0006	A103	CUST020	25	$120	No			
8	ORD0007	A101	CUST003	125	$1,500	No			
9	ORD0008	A106	CUST011	25	$100	No			
10	ORD0009	A103	CUST004	75	$360	No			
11	ORD0010	A104	CUST008	25	$200	No			
12	ORD0011	A102	CUST004	75	$1,350	No			
13	ORD0012	A108	CUST008	75	$270	No			
14	ORD0013	A105	CUST013	50	$700	Yes			
15	ORD0014	A107	CUST014	75	$1,200	No			
16	ORD0015	A101	CUST030	50	$600	No			
17	ORD0016	A107	CUST015	125	$2,000	No			
18	ORD0017	A105	CUST002	100	$1,400	No			
19	ORD0018	A103	CUST024	50	$240	No			
20	ORD0019	A106	CUST024	125	$500	No			
21	ORD0020	A101	CUST004	25	$300	No			
22	ORD0021	A106	CUST015	50	$200	No			

SUMIF

	A	B	C	D	E	F	G	H	I	J
I8			fx	=SUMIF(F2:F101,"Yes",D2:D101)						
				SUM						
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned				
2	ORD0001	A102	CUST002	100	$1,800	No				
3	ORD0002	A108	CUST002	75	$270	No			Total Amount	
4	ORD0003	A101	CUST004	100	$1,200	No			7100	
5	ORD0004	A105	CUST004	100	$1,400	No				
6	ORD0005	A105	CUST006	50	$700	No				
7	ORD0006	A103	CUST020	25	$120	No			Total Amount	
8	ORD0007	A101	CUST003	125	$1,500	No			750	(If returned item is Yes)
9	ORD0008	A106	CUST011	25	$100	No				
10	ORD0009	A103	CUST004	75	$360	No				
11	ORD0010	A104	CUST008	25	$200	No				
12	ORD0011	A102	CUST004	75	$1,350	No				
13	ORD0012	A108	CUST008	75	$270	No				
14	ORD0013	A105	CUST013	50	$700	Yes				
15	ORD0014	A107	CUST014	75	$1,200	No				
16	ORD0015	A101	CUST030	50	$600	No				
17	ORD0016	A107	CUST015	125	$2,000	No				
18	ORD0017	A105	CUST002	100	$1,400	No				
19	ORD0018	A103	CUST024	50	$240	No				
20	ORD0019	A106	CUST024	125	$500	No				
21	ORD0020	A101	CUST004	25	$300	No				
22	ORD0021	A106	CUST015	50	$200	No				

MAX

	A	B	C	D	E	F	G	H	I
I4			fx	=MAX(E:E)					
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned			
2	ORD0001	A102	CUST002	100	$1,800	No			
3	ORD0002	A108	CUST002	75	$270	No			MAX TOTAL
4	ORD0003	A101	CUST004	100	$1,200	No			2250
5	ORD0004	A105	CUST004	100	$1,400	No			
6	ORD0005	A105	CUST006	50	$700	No			

MIN

	A	B	C	D	E	F	G	H	I
					fx	=MIN(E:E)			
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned			
2	ORD0001	A102	CUST002	100	$1,800	No			
3	ORD0002	A108	CUST002	75	$270	No			MIN TOTAL
4	ORD0003	A101	CUST004	100	$1,200	No			90
5	ORD0004	A105	CUST004	100	$1,400	No			
6	ORD0005	A105	CUST006	50	$700	No			
7	ORD0006	A103	CUST020	25	$120	No			

COUNT

	A	B	C	D	E	F	G	H	I
					fx	=COUNT(E:E)			
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned			
2	ORD0001	A102	CUST002	100	$1,800	No			
3	ORD0002	A108	CUST002	75	$270	No			COUNT (NUMERIC VAL ONLY)
4	ORD0003	A101	CUST004	100	$1,200	No			100
5	ORD0004	A105	CUST004	100	$1,400	No			

COUNTIF

	A	B	C	D	E	F	G	H	I
					fx	=COUNTIF(E:E,">=1000")			
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned			
2	ORD0001	A102	CUST002	100	$1,800	No			
3	ORD0002	A108	CUST002	75	$270	No			COUNT IF
4	ORD0003	A101	CUST004	100	$1,200	No			29
5	ORD0004	A105	CUST004	100	$1,400	No			
6	ORD0005	A105	CUST006	50	$700	No			

AVERAGE

	A	B	C	D	E	F	G	H	I
					fx	=AVERAGE(D:D)			
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned			
2	ORD0001	A102	CUST002	100	$1,800	No			
3	ORD0002	A108	CUST002	75	$270	No			Average
4	ORD0003	A101	CUST004	100	$1,200	No			71
5	ORD0004	A105	CUST004	100	$1,400	No			
6	ORD0005	A105	CUST006	50	$700	No			

LEN

	A	B	C	D	E	F	G	H
					fx	=LEN(E2)		
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned		LEN
2	ORD0001	A102	CUST002	100	$1,800	No		4
3	ORD0002	A108	CUST002	75	$270	No		3
4	ORD0003	A101	CUST004	100	$1,200	No		4
5	ORD0004	A105	CUST004	100	$1,400	No		4
6	ORD0005	A105	CUST006	50	$700	No		3

LEFT

H2 · fx =LEFT(F2,1)

	A	B	C	D	E	F	G	H
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned		LEFT
2	ORD0001	A102	CUST002	100	$1,800	No		N
3	ORD0002	A108	CUST002	75	$270	No		N
4	ORD0003	A101	CUST004	100	$1,200	No		N
5	ORD0004	A105	CUST004	100	$1,400	No		N
6	ORD0005	A105	CUST006	50	$700	No		N
7	ORD0006	A103	CUST020	25	$120	No		N
8	ORD0007	A101	CUST003	125	$1,500	No		N
9	ORD0008	A106	CUST011	25	$100	No		N
10	ORD0009	A103	CUST004	75	$360	No		N
11	ORD0010	A104	CUST008	25	$200	No		N
12	ORD0011	A102	CUST004	75	$1,350	No		N
13	ORD0012	A108	CUST008	75	$270	No		N
14	ORD0013	A105	CUST013	50	$700	Yes		Y

RIGHT

H2 · fx =RIGHT(B2,3)

	A	B	C	D	E	F	G	H
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned		RIGHT
2	ORD0001	A102	CUST002	100	$1,800	No		102
3	ORD0002	A108	CUST002	75	$270	No		108
4	ORD0003	A101	CUST004	100	$1,200	No		101
5	ORD0004	A105	CUST004	100	$1,400	No		105
6	ORD0005	A105	CUST006	50	$700	No		105
7	ORD0006	A103	CUST020	25	$120	No		103
8	ORD0007	A101	CUST003	125	$1,500	No		101

IF

H2 · fx =IF(D2>=100, "High", "Low")   *else*

	A	B	C	D	E	F	G	H
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned		IF
2	ORD0001	A102	CUST002	100	$1,800	No		High
3	ORD0002	A108	CUST002	75	$270	No		Low
4	ORD0003	A101	CUST004	100	$1,200	No		High
5	ORD0004	A105	CUST004	100	$1,400	No		High
6	ORD0005	A105	CUST006	50	$700	No		Low
7	ORD0006	A103	CUST020	25	$120	No		Low
8	ORD0007	A101	CUST003	125	$1,500	No		High
9	ORD0008	A106	CUST011	25	$100	No		Low

IF+AND

H2 · fx =IF(AND(D2>=100, F2="No"), "GOOD","BAD")   *else*

	A	B	C	D	E	F	G	H
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned		IF+AND
2	ORD0001	A102	CUST002	100	$1,800	No		GOOD
3	ORD0002	A108	CUST002	75	$270	No		BAD
4	ORD0003	A101	CUST004	100	$1,200	No		GOOD
5	ORD0004	A105	CUST004	100	$1,400	No		GOOD
6	ORD0005	A105	CUST006	50	$700	No		BAD

IF+OR

H2 | =IF(OR(D2>=100, F2="No"), "GOOD","BAD")

	A	B	C	D	E	F	G	H
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned		IF+AND
2	ORD0001	A102	CUST002	100	$1,800	No		GOOD
3	ORD0002	A108	CUST002	75	$270	No		GOOD
4	ORD0003	A101	CUST004	100	$1,200	No		GOOD
5	ORD0004	A105	CUST004	100	$1,400	No		GOOD
6	ORD0005	A105	CUST006	50	$700	No		GOOD
7	ORD0006	A103	CUST020	25	$120	No		GOOD
8	ORD0007	A101	CUST003	125	$1,500	No		GOOD
9	ORD0008	A106	CUST011	25	$100	No		GOOD
10	ORD0009	A103	CUST004	75	$360	No		GOOD
11	ORD0010	A104	CUST008	25	$200	No		GOOD
12	ORD0011	A102	CUST004	75	$1,350	No		GOOD
13	ORD0012	A108	CUST008	75	$270	No		GOOD
14	ORD0013	A105	CUST013	50	$700	Yes		BAD

IFS

H2 | =IFS(E2>=1000,"Nice", E2<1000,"Not Nice")

	A	B	C	D	E	F
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned
2	ORD0001	A102	CUST002	100	$1,800	No
3	ORD0002	A108	CUST002	75	$270	No
4	ORD0003	A101	CUST004	100	$1,200	No
5	ORD0004	A105	CUST004	100	$1,400	No

PRODUCT

H2 | =PRODUCT(D2,E2)

	A	B	C	D	E	F	G	H
1	Order ID	Product ID	Customer ID	Amount	Total	Item Returned		PRODUCT
2	ORD0001	A102	CUST002	100	$1,800	No		180000
3	ORD0002	A108	CUST002	75	$270	No		20250
4	ORD0003	A101	CUST004	100	$1,200	No		120000
5	ORD0004	A105	CUST004	100	$1,400	No		140000
6	ORD0005	A105	CUST006	50	$700	No		35000
7	ORD0006	A103	CUST020	25	$120	No		3000
8	ORD0007	A101	CUST003	125	$1,500	No		187500