

# 1. Fill the blank values using countif-sumif

	A	B	C	D	E	F	G
1	Order no.	Date	Driver's name	Item	Number of items	Transport	Destination
2	100001	01-02-13	John May	TV	25	truck 4	Boston
3	100002	01-02-13	Peter White	washing machine	30	truck 3	NY
4	100003	02-02-13	Carl Nowak	washing machine	15	truck 3	Philadelphia
5	100004	03-02-13	Peter White	TV	32	truck 4	NY
6	100005	03-02-13	George Ramsay	refrigerator	25	truck 3	Boston
7	100006	03-02-13	Carl Nowak	washing machine	18	truck 1	Baltimore
8	100007	03-02-13	John May	refrigerator	15	truck 2	Philadelphia
9	100008	04-02-13	Carl Nowak	refrigerator	25	truck 3	Baltimore
10	100009	04-02-13	Peter White	TV	30	truck 1	Pittsburgh
11	100010	04-02-13	George Ramsay	refrigerator	15	truck 2	NY
12	100011	04-02-13	Mertl Pavel	microwave	25	truck 3	Philadelphia
13	100012	04-02-13	John May	washing machine	14	truck 4	NY
14	100013	05-02-13	John May	washing machine	25	airplane	Baltimore
15	100014	05-02-13	Carl Nowak	TV	30	truck 4	Philadelphia
16	100015	05-02-13	George Ramsay	microwave	15	truck 3	Boston
17	100016	05-02-13	Peter White	TV	15	truck 1	Pittsburgh
18	100017	06-02-13	John May	microwave	25	truck 1	NY
19	100018	07-02-13	John May	TV	30	truck 4	Philadelphia
20	100019	08-02-13	George Ramsay	washing machine	13	truck 3	Baltimore
21	100020	08-02-13	Peter White	refrigerator	25	truck 2	Philadelphia
22	100021	08-02-13	Carl Nowak	microwave	30	truck 1	Pittsburgh
23	100022	08-02-13	Peter White	washing machine	15	airplane	NY
24	100023	08-02-13	John May	microwave	25	truck 4	Boston
25	100024	09-02-13	George Ramsay	washing machine	34	truck 3	Baltimore
26							

#### Formulas:

number of orders in Boston : =COUNTIF(G2:G25,"Boston")

number of microwave orders : =COUNTIF(D2:D25,"microwave")

number of journeys with truck 3: =COUNTIF(F2:F25,"truck 3")

number of Peter White journeys: =COUNTIF(C2:C25,"Peter White")

how many times are no. of items less than 20: =COUNTIF(E2:E25,"<20")

sum of refrigerator items: =SUMIF(D2:D25,"refrigerator",E2:E25)

sum of washing machine items: =SUMIF(D2:D25,"washing machine",E2:E25)

sum of items transported by truck 4: =SUMIF(F2:F25,"truck 4",E2:E25)

sum of items transported by trucks: =SUMIF(F2:F25,"truck\*",E2:E25)

number of microwave orders in Boston : =COUNTIFS(D2:D25,"microwave",G2:G25,"Boston")

number of Peter White journeys with truck 1: =COUNTIFS(C2:C25,"Peter White",F2:F25,"truck 1")

number of orders in Boston after 2/3/2013: =COUNTIFS(G2:G25,"Boston",B2:B25,">03-02-13")

number of orders between 2/3/2013 and 2/6/2013: =COUNTIFS(B2:B25,">03-02-13",B2:B25,"<06-02-13")

sum of microwaves transported to NY: =SUMIFS(E2:E25,D2:D25,"microwave",G2:G25,"NY")

sum of items transported to Pittsburgh by truck 1: =SUMIFS(E2:E25,F2:F25,"truck 1",G2:G25,"Pittsburgh")

sum of items ordered between 2/3/2013 and 2/6/2013: =SUMIFS(E2:E25,B2:B25,">03-02-13",B2:B25,"<06-02-13")

sum of items transported to NY, Baltimore and Philadelphia: =SUMIF(G2:G25,"NY",E2:E25)+SUMIF(G2:G25,"Baltimore",E2:E25)+SUMIF(G2:G25,"Philadelphia",E2:E25)

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General

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Format as Table

Cell Styles

Insert Delete Format

Sort & Filter Find & Select

F53

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
28						countif / countifs											
29						number of orders in Boston :	4										
30						number of microwave orders :	5										
31						number of journeys with truck 3:	8										
32						number of Peter White journeys:	6										
33						how many times are no. of items less than 20:	9										
34																	
35						sumif / sumifs											
36						sum of refrigerator items:	105										
37						sum of washing machine items:	164										
38						sum of items transported by truck 4:	156										
39						sum of items transported by trucks:	511										
40																	
41						countifs											
42						number of microwave orders in Boston :	2										
43						number of Peter White journeys with truck 1:	2										
44						number of orders in Boston after 2/3/2013:	2										
45						number of orders between 2/3/2013 and 2/6/2013:	9										
46						sumifs											
47						sum of microwaves transported to NY:	25										
48						sum of items transported to Pittsburgh by truck 1:	75										

Exercise 1

Exercise 2

Exercise 2 - result

Credits

Ready

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12-11-2021

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F9 =SUMIFS(\$E\$16:\$E\$241,\$C\$16:\$C\$241,A9,\$B\$16:\$B\$241,"Shaving",\$A\$16:\$A\$241,">=5/10/2013",\$A\$16:\$A\$241,"<=5/20/2013")

	A	B	C	D	E	F	G	H	I	J	K	L
	Service	How many times total	Total price	How many times by cash	How many times by credit card	Total price by cash						
1												
2	Shaving	71	717	42	29	414						
3	Washing and combing	46	1934	31	15	1350						
4	Dyeing	50	1650	35	15	1155						
5	Meeting hairstyles	32	1119	21	11	735						
6												
7												
	Stylist name	How many times total	Total price	How many times Shaving	How many times Kids	Sum of price for Shaving between 5/10/2013 and 5/20/2013						
8												
9	Jane	25	688	7	1	0						
10	Martha	31	965	5	1	0						
11	Alex	23	701	4	1	0						
12												
13												
14	Summary May 2013											
15	Date	Service	Stylist name	Payment	Price							
16	01-05-2013	Shaving	Jane	cash	\$ 7.00							
17	01-05-2013	Shaving	Martha	credit card	\$ 7.00							