

Excel Assignment - 14

Dataset:

https://docs.google.com/spreadsheets/d/1-ZoA4gnILOQxpU8qgpkTJJPJCS8cQBmNzKVirJ_Ow0w/edit?usp=sharing

Use the above dataset and answer the following questions. Assume that a gang is trying to loot Diamonds and Soft drinks being exported from India

1. How much Diamonds were looted from Chennai Port Trust?

=IF(C59="Chennai Port Trust",D59,0)						
A	B	C	D	E	F	G
20/12/1984	Port	V.O. Chidambaranar Port Trust	2207	3230	1162.8	0
21/3/1984	Ship/to/Ship	Syama Prasad Mookerjee Port Trust	2683	3064	1409.44	0
26/9/1984	Port	Syama Prasad Mookerjee Port Trust	1223	2373	711.9	0
3/10/1984	Port	Cochin Port Trust	392	1917	766.8	0
11/12/1985	Port	Cochin Port Trust	532	2379	951.6	0
25/12/1985	Ship/to/Ship	Paradip Port Trust	233	2289	686.7	0
2/2/1986	Ship/to/Ship	Paradip Port Trust	73	2414	1110.44	0
28/11/1986	Ship/to/Ship	V.O. Chidambaranar Port Trust	2852	626	294.22	0
26/12/1986	Port	Jawaharlal Nehru Port Trust	1845	1956	782.4	0
						4810

2. How many Ships were looted near Paradip Port Trust and Chennai Port Trust?

Ans.

=if(AND(OR(C59="Paradip Port Trust",C59="Chennai Port Trust"),B59="Ship/to/Ship"),1,0)					
C	D	E	F	G	H
Paradip Port Trust	7	1795	628.25	0	0
V.O. Chidambaranar Port Trust	2207	3230	1162.8	0	0
Syama Prasad Mookerjee Port Trust	2683	3064	1409.44	0	0
Syama Prasad Mookerjee Port Trust	1223	2373	711.9	0	0
Cochin Port Trust	392	1917	766.8	0	0
Cochin Port Trust	532	2379	951.6	0	0
Paradip Port Trust	233	2289	686.7	0	1
Paradip Port Trust	73	2414	1110.44	0	1
V.O. Chidambaranar Port Trust	2852	626	294.22	0	0
Jawaharlal Nehru Port Trust	1845	1956	782.4	0	0
				4810	6

So, 6 ships were looted near paradip port trust and chennai port trust.

3. What is the sum total of Diamonds looted from the V.O. Chidambarnar port trust?

Ans.

fx =if(C59="V.O. Chidambaranar Port Trust",D59,0)

D	E	F	G	H	I
7	1795	628.25	0	0	0
2207	3230	1162.8	0	0	2207
2683	3064	1409.44	0	0	0
1223	2373	711.9	0	0	0
392	1917	766.8	0	0	0
532	2379	951.6	0	0	0
233	2289	686.7	0	1	0
73	2414	1110.44	0	1	0
2852	626	294.22	0	0	2852
1845	1956	782.4	0	0	0
			4810	6	9887

9887, diamond is looted from VO Chidambarnar Port.

4. What is the average amount of Diamonds and Soft drinks looted?

Ans.

p Port Trust	233	2289	686.7
p Port Trust	73	2414	1110.44
hidambaranar Port Trust	2852	626	294.22
arlal Nehru Port Trust	1845	1956	782.4
	1254.862069	2227.758621	
	Average Diamond & Drink looted		3482.62069

5. What is the ratio of soft drinks drunk to soft drinks looted?

Ans.

Nehru Port Trust	1845	1956	782.4	0
	1254.862069	2227.758621	873.3184483	4810
	Average Diamond & Drink looted		3482.62069	
	Ratio Softdrink looted vs consumed		2.550912127	

Solved Spread Sheet Link:

<https://docs.google.com/spreadsheets/d/1muuDlx-lradQeg0q-EeUPM8vifNbU-gUJcHqnHLqxRw/edit?usp=sharing>