

Excel Assignment - 14

Dataset:

https://docs.google.com/spreadsheets/d/1-ZoA4gnlLOQxpU8qgpkTJPJCS8cQBmNzKVirJ_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?

Ans- 7182 tonnes

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General

Conditional Formatting Format as Table Cell Styles Insert Delete Format

AutoSum Fill Clear Sort & Find & Filter Select

G2 =SUMIF(C2:C59,C11,D2:D59)

	A	B	C	D	E	F	G
1	Date	Type of attack	Location of attack	Diamonds looted (in ounces)	Soft drinks looted (in gallons)	Soft Drinks Consumed	Diamonds looted from Chennai Port Trust
2	27-10-1962	Port	Deendayal Port Trust	334	3864	1236.48	7182
3	18-11-1962	Ship/to/Ship	Chennai	246	3305	1454.2	
4	27-11-1962	Port	Paradip Port Trust	571	2396	1078.2	
5	3-2-1962	Port	Jawaharlal Nehru Port Trust	1106	2970	1188	
6	4-11-1963	Ship/to/Ship	Paradip Port Trust	986	3275	1015.25	
7	9-3-1963	Port	Visakhapatnam Port Trust	2450	840	336	
8	28-11-1964	Ship/to/Ship	Bay of bengal	1257	1345	538	
9	5-11-1964	Ship/to/Ship	Mumbai Port Trust	2659	3073	1229.2	
10	27-4-1964	Ship/to/Ship	Syama Prasad Mookerjee Port Trust	2685	2294	917.6	
11	28-7-1964	Ship/to/Ship	Chennai Port Trust	2372	1355	596.2	
12	18-8-1964	Port	Deendayal Port Trust	261	2389	955.6	
13	27-8-1964	Port	Mumbai Port Trust	2725	2311	1155.5	
14	27-12-1964	Ship/to/Ship	Bay of bengal	300	3702	1628.88	
15	18-2-1967	Ship/to/Ship	Gujrat	572	2861	1344.67	
16	3-6-1967	Ship/to/Ship	Syama Prasad Mookerjee Port Trust	2408	1076	430.4	
17	5-7-1967	Ship/to/Ship	Chennai Port Trust	1379	1190	476	
18	22-7-1968	Ship/to/Ship	Chennai Port Trust	182	3644	1093.2	

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Sheet1

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

Ans- 13 ships looted

	A	B	C	D	E	F	G	H
1	Date	Type of attack	Location of attack	Diamonds looted (in ounces)	Soft drinks looted (in gallons)	Soft Drinks Consumed	Ships looted at Chennai and Paradip	Diamonds looted
2	27-10-1962	Port	Deendayal Port Trust	334	3864	1236.48	13	
3	18-11-1962	Ship/to/Ship	Chennai	246	3305	1454.2		
4	27-11-1962	Port	Paradip Port Trust	571	2396	1078.2		
5	3-2-1962	Port	Jawaharlal Nehru Port Trust	1106	2970	1188		
6	4-11-1963	Ship/to/Ship	Paradip Port Trust	986	3275	1015.25		
7	9-3-1963	Port	Visakhapatnam Port Trust	2450	840	336		
8	28-11-1964	Ship/to/Ship	Bay of bengal	1257	1345	538		
9	5-11-1964	Ship/to/Ship	Mumbai Port Trust	2659	3073	1229.2		
10	27-4-1964	Ship/to/Ship	Syama Prasad Mookerjee Port Trust	2685	2294	917.6		
11	28-7-1964	Ship/to/Ship	Chennai Port Trust	2372	1355	596.2		
12	18-8-1964	Port	Deendayal Port Trust	261	2389	955.6		
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17	5-7-1967	Ship/to/Ship	Chennai Port Trust	1379	1190	476		
18	22-7-1968	Ship/to/Ship	Chennai Port Trust	182	3644	1093.2		

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

Ans- 9887 ounces looted

Excel Assignment Dataset 2 - Excel

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G2 =SUMIF(C2:C59,C30,D2:D59)

	B	C	D	E	F	G
1	Type of attack	Location of attack	Diamonds looted (in ounces)	Soft drinks looted (in gallons)	Soft Drinks Consumed	Sum total of Diamonds looted from the V.O.Chidambarnar port trust
2	Port	Deendayal Port Trust	334	3864	1236.48	9887
3	Ship/to/Ship	Chennai	246	3305	1454.2	
4	Port	Paradip Port Trust	571	2396	1078.2	
5	Port	Jawaharlal Nehru Port Trust	1106	2970	1188	
6	Ship/to/Ship	Paradip Port Trust	986	3275	1015.25	
7	Port	Visakhapatnam Port Trust	2450	840	336	
8	Ship/to/Ship	Bay of bengal	1257	1345	538	
9	Ship/to/Ship	Mumbai Port Trust	2659	3073	1229.2	
10	Ship/to/Ship	Syama Prasad Mookerjee Port Trust	2685	2294	917.6	
11	Ship/to/Ship	Chennai Port Trust	2372	1355	596.2	
12	Port	Deendayal Port Trust	261	2389	955.6	
13	Port	Mumbai Port Trust	2725	2311	1155.5	
14	Ship/to/Ship	Bay of bengal	300	3702	1628.88	
15	Ship/to/Ship	Gujrat	572	2861	1344.67	
16	Ship/to/Ship	Syama Prasad Mookerjee Port Trust	2408	1076	430.4	
17	Ship/to/Ship	Chennai Port Trust	1379	1190	476	
18	Ship/to/Ship	Chennai Port Trust	182	3644	1093.2	
19	Port	Syama Prasad Mookerjee Port Trust	1847	2780	1112	

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

Ans-

3482.62069 ounces looted

The screenshot shows an Excel spreadsheet titled "Excel Assignment Dataset 2 - Excel". The data is organized into columns: C (Location of attack), D (Diamonds looted [in ounces]), E (Soft drinks looted [in gallons]), F (Soft Drinks Consumed), G (Average Amount of Diamonds and Soft Drinks Looted), and H (Sum total of Diamonds looted for). The formula bar displays the formula for cell G2: $\text{=AVERAGE(D:D)+AVERAGE(E:E)}$. The spreadsheet contains 18 rows of data, with the first row (row 2) being the header. The values for the average amount of diamonds and soft drinks looted (column G) are calculated for each location.

	C	D	E	F	G	H
	Location of attack	Diamonds looted [in ounces]	Soft drinks looted [in gallons]	Soft Drinks Consumed	Average Amount of Diamonds and Soft Drinks Looted	Sum total of Diamonds looted for
2	Deendayal Port Trust	334	3864	1236.48	3482.62069	
3	Chennai	246	3305	1454.2		
4	Paradip Port Trust	571	2896	1078.2		
5	Jawaharlal Nehru Port Trust	1106	2970	1188		
6	Paradip Port Trust	988	3275	1015.25		
7	Vishakhapatnam Port Trust	2450	840	336		
8	Bay of bengal	1257	1345	538		
9	Mumbai Port Trust	2659	3073	1229.2		
10	Syama Prasad Mookerjee Port Trust	2685	2294	917.6		
11	Chennai Port Trust	2372	1355	596.2		
12	Deendayal Port Trust	261	2389	955.6		
13	Mumbai Port Trust	2725	2311	1155.5		
14	Bay of bengal	300	3702	1628.88		
15	Gujarat	572	2861	1344.67		
16	Syama Prasad Mookerjee Port Trust	2408	1076	430.4		
17	Chennai Port Trust	1379	1190	476		
18	Chennai Port Trust	182	3644	1093.2		

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

Ans- 0.39201664

The screenshot shows an Excel spreadsheet with the following data:

	C	D	E	F	G	H
	Location of attack	Diamonds looted (in ounces)	Soft drinks looted (in gallons)	Soft Drinks Consumed	Ratio of Soft Drink Drunk/Soft drink looted	Average Amount of Diamonds and Soft Drinks Lo
1	Deendayal Port Trust	334	3864	1236.48	0.39201664	3482.62069
2	Chennai	246	3305	1454.2		
3	Paradip Port Trust	571	2396	1078.2		
4	Jawaharlal Nehru Port Trust	1106	2970	1188		
5	Paradip Port Trust	986	3275	1015.25		
6	Visakhapatnam Port Trust	2450	840	336		
7	Bay of bengal	1257	1345	538		
8	Mumbai Port Trust	2659	3073	1229.2		
9	Syama Prasad Mookerjee Port Trust	2685	2294	917.6		
10	Chennai Port Trust	2372	1355	596.2		
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13	Bay of bengal	300	3702	1628.88		
14	Gujrat	572	2861	1344.67		
15	Syama Prasad Mookerjee Port Trust	2408	1076	430.4		
16	Chennai Port Trust	1379	1190	476		
17	Chennai Port Trust	182	3644	1093.2		

iNeuron