

Excel Assignment - 12

Dataset:

<https://docs.google.com/spreadsheets/d/1IRSEnmgz8Ro276-GslknRNk0zlrB5CZH1YrnT71kqFM/edit?usp=sharing>

Use the above dataset and answer the following questions.

1. What is the total amount of stationary bought from Madhya Pradesh?

Ans.

Order ID	Product	Category	Amount	Date	Country	Stationary / Madhya Pradesh
1	Shoe	Footwear	₹ 4,270	6/1/2016	Madhya Pradesh	0
2	Scale	Stationary	₹ 617	8/1/2016	Madhya Pradesh	₹ 617
3	Scale	Stationary	₹ 8,384	10/1/2016	West Bengal	0
4	Socks	Footwear	₹ 2,626	10/1/2016	Uttar Pradesh	0
5	Compass	Stationary	₹ 3,610	11/1/2016	Madhya Pradesh	₹ 3,610
6	Scale	Stationary	₹ 6,906	16/1/2016	Tamilnadu	0
7	Pencil	Stationary	₹ 2,417	16/1/2016	Delhi	0
8	Pencil	Stationary	₹ 7,431	16/1/2016	West Bengal	0
9	Scale	Stationary	₹ 8,250	16/1/2016	Uttar Pradesh	0
10	Shoe	Footwear	₹ 1,903	20/1/2016	Uttar Pradesh	0
11	Pencil	Stationary	₹ 6,946	24/1/2016	Delhi	0
12	Scale	Stationary	₹ 2,320	27/1/2016	Kerala	0
13	Scale	Stationary	₹ 2,116	28/1/2016	Madhya Pradesh	₹ 2,116
14	Scale	Stationary	₹ 1,135	30/1/2016	Kerala	0
15	Pencil	Stationary	₹ 1,161	2/2/2016	Madhya Pradesh	₹ 1,161
16	Compass	Stationary	₹ 2,256	4/2/2016	Delhi	0
17	Scale	Stationary	₹ 1,004	11/2/2016	Tamilnadu	0
18	Scale	Stationary	₹ 3,642	14/2/2016	West Bengal	0
19	Scale	Stationary	₹ 4,582	17/2/2016	Madhya Pradesh	₹ 4,582
20	Socks	Footwear	₹ 3,559	17/2/2016	Kerala	0
21	Shoe	Footwear	₹ 5,154	17/2/2016	Telangana	0
22	Pen	Stationary	₹ 7,388	18/2/2016	Delhi	0
23	Socks	Footwear	₹ 7,163	18/2/2016	Madhya Pradesh	0
24	Socks	Footwear	₹ 5,101	20/2/2016	Uttar Pradesh	0
25	Pencil	Stationary	₹ 7,602	21/2/2016	Delhi	0
26	Pen	Stationary	₹ 1,641	22/2/2016	Madhya Pradesh	₹ 1,641
27	Pencil	Stationary	₹ 8,892	23/2/2016	Telangana	0
28	Pencil	Stationary	₹ 2,060	29/2/2016	Delhi	0
29	Pencil	Stationary	₹ 6,509	1/3/2016	Delhi	0
30	Pencil	Stationary	₹ 5,718	4/3/2016	Telangana	0
31	Pencil	Stationary	₹ 7,655	5/3/2016	Madhya Pradesh	₹ 7,655
32	Shoe	Footwear	₹ 9,116	5/3/2016	Kerala	0
33	Scale	Stationary	₹ 2,795	15/3/2016	Madhya Pradesh	₹ 2,795
34	Scale	Stationary	₹ 5,084	15/3/2016	Madhya Pradesh	₹ 5,084
35	Shoe	Footwear	₹ 8,941	15/3/2016	Kerala	0
36	Scale	Stationary	₹ 135	19/3/2016	West Bengal	0
37	Scale	Stationary	₹ 9,400	19/3/2016	Telangana	0
38	Socks	Footwear	₹ 6,045	21/3/2016	Uttar Pradesh	0
39	Pencil	Stationary	₹ 5,820	22/3/2016	Tamilnadu	0
40	Compass	Stationary	₹ 8,887	23/3/2016	Uttar Pradesh	0

176	Socks	Footwear	₹ 1,541	19/12/2016	Kerala	0
177	Compass	Stationary	₹ 2,782	20/12/2016	Kerala	0
178	Pencil	Stationary	₹ 2,455	20/12/2016	West Bengal	0
179	Pencil	Stationary	₹ 4,512	22/12/2016	Tamilnadu	0
180	Pencil	Stationary	₹ 8,752	22/12/2016	Uttar Pradesh	0
181	Shoe	Footwear	₹ 9,127	25/12/2016	Madhya Pradesh	0
182	Pencil	Stationary	₹ 1,777	28/12/2016	Delhi	0
183	Socks	Footwear	₹ 680	28/12/2016	Delhi	0
184	Compass	Stationary	₹ 958	29/12/2016	Madhya Pradesh	₹ 958
185	Shoe	Footwear	₹ 2,613	29/12/2016	Telangana	0
186	Shoe	Footwear	₹ 339	30/12/2016	Telangana	0
Total						176971

So, Answer is 176971 amount of stationary bought from Madhya Pradesh.

2. What is the total count of stationary bought from Tamilnadu?

Ans.

fx =IF(AND(C187="Stationary", F187="Tamilnadu"), 1, 0)

A	B	C	D	E	F	G	H
177	Compass	Stationary	₹ 2,782	20/12/2016	Kerala	0	0
178	Pencil	Stationary	₹ 2,455	20/12/2016	West Bengal	0	0
179	Pencil	Stationary	₹ 4,512	22/12/2016	Tamilnadu	0	1
180	Pencil	Stationary	₹ 8,752	22/12/2016	Uttar Pradesh	0	0
181	Shoe	Footwear	₹ 9,127	25/12/2016	Madhya Pradesh	0	0
182	Pencil	Stationary	₹ 1,777	28/12/2016	Delhi	0	0
183	Socks	Footwear	₹ 680	28/12/2016	Delhi	0	0
184	Compass	Stationary	₹ 958	29/12/2016	Madhya Pradesh	₹ 958	0
185	Shoe	Footwear	₹ 2,613	29/12/2016	Telangana	0	0
186	Shoe	Footwear	₹ 339	30/12/2016	Telangana	0	0
Total						176971	13

So, count is 13

3. What is the total amount spent on footwear?

Ans.

=IF(C187="Footwear", D187, 0)									
A	B	C	D	E	F	G	H	I	J
177	Compass	Stationary	₹ 2,782	20/12/2016	Kerala	0	0	0	
178	Pencil	Stationary	₹ 2,455	20/12/2016	West Bengal	0	0	0	
179	Pencil	Stationary	₹ 4,512	22/12/2016	Tamilnadu	0	1	0	
180	Pencil	Stationary	₹ 8,752	22/12/2016	Uttar Pradesh	0	0	0	
181	Shoe	Footwear	₹ 9,127	25/12/2016	Madhya Pradesh	0	0	₹ 9,127	
182	Pencil	Stationary	₹ 1,777	28/12/2016	Delhi	0	0	0	
183	Socks	Footwear	₹ 680	28/12/2016	Delhi	0	0	₹ 680	
184	Compass	Stationary	₹ 958	29/12/2016	Madhya Pradesh	₹ 958	0	0	
185	Shoe	Footwear	₹ 2,613	29/12/2016	Telangana	0	0	₹ 2,613	
186	Shoe	Footwear	₹ 339	30/12/2016	Telangana	0	0	₹ 339	
Total						176971	13	₹ 194,226	

So, 194,226 amount spent on footwear.

4. What is the total amount of money spent for stationary in July?

Ans.

=IF(AND(C187="Stationary", MONTH(E187)=7), D187, 0)										
A	B	C	D	E	F	G	H	I	J	K
168	Socks	Footwear	₹ 3,278	6/12/2016	Uttar Pradesh	0	0	₹ 3,278	0	
169	Scale	Stationary	₹ 136	12/12/2016	West Bengal	0	0	0	0	
170	Scale	Stationary	₹ 8,377	12/12/2016	Telangana	0	0	0	0	
171	Scale	Stationary	₹ 2,382	12/12/2016	Madhya Pradesh	₹ 2,382	0	0	0	
172	Scale	Stationary	₹ 8,702	15/12/2016	Uttar Pradesh	0	0	0	0	
173	Scale	Stationary	₹ 5,021	16/12/2016	Madhya Pradesh	₹ 5,021	0	0	0	
174	Pencil	Stationary	₹ 1,760	16/12/2016	Telangana	0	0	0	0	
175	Scale	Stationary	₹ 4,766	18/12/2016	Uttar Pradesh	0	0	0	0	
176	Socks	Footwear	₹ 1,541	19/12/2016	Kerala	0	0	₹ 1,541	0	
177	Compass	Stationary	₹ 2,782	20/12/2016	Kerala	0	0	0	0	
178	Pencil	Stationary	₹ 2,455	20/12/2016	West Bengal	0	0	0	0	
179	Pencil	Stationary	₹ 4,512	22/12/2016	Tamilnadu	0	1	0	0	
180	Pencil	Stationary	₹ 8,752	22/12/2016	Uttar Pradesh	0	0	0	0	
181	Shoe	Footwear	₹ 9,127	25/12/2016	Madhya Pradesh	0	0	₹ 9,127	0	
182	Pencil	Stationary	₹ 1,777	28/12/2016	Delhi	0	0	0	0	
183	Socks	Footwear	₹ 680	28/12/2016	Delhi	0	0	₹ 680	0	
184	Compass	Stationary	₹ 958	29/12/2016	Madhya Pradesh	₹ 958	0	0	0	
185	Shoe	Footwear	₹ 2,613	29/12/2016	Telangana	0	0	₹ 2,613	0	
186	Shoe	Footwear	₹ 339	30/12/2016	Telangana	0	0	₹ 339	0	
Total						176971	13	₹ 194,226	53398	

So, 53398 amount spent on stationary in july.

5. What is the count of footwear that is coming from Delhi?

Ans.

=IF(AND(C187="Footwear", F187="Delhi"), 1, 0)										
A	B	C	D	E	F	G	H	I	J	K
170	Scale	Stationary	₹ 8,377	12/12/2016	Telangana	0	0	0	0	0
171	Scale	Stationary	₹ 2,382	12/12/2016	Madhya Pradesh	₹ 2,382	0	0	0	0
172	Scale	Stationary	₹ 8,702	15/12/2016	Uttar Pradesh	0	0	0	0	0
173	Scale	Stationary	₹ 5,021	16/12/2016	Madhya Pradesh	₹ 5,021	0	0	0	0
174	Pencil	Stationary	₹ 1,760	16/12/2016	Telangana	0	0	0	0	0
175	Scale	Stationary	₹ 4,766	18/12/2016	Uttar Pradesh	0	0	0	0	0
176	Socks	Footwear	₹ 1,541	19/12/2016	Kerala	0	0	₹ 1,541	0	0
177	Compass	Stationary	₹ 2,782	20/12/2016	Kerala	0	0	0	0	0
178	Pencil	Stationary	₹ 2,455	20/12/2016	West Bengal	0	0	0	0	0
179	Pencil	Stationary	₹ 4,512	22/12/2016	Tamilnadu	0	1	0	0	0
180	Pencil	Stationary	₹ 8,752	22/12/2016	Uttar Pradesh	0	0	0	0	0
181	Shoe	Footwear	₹ 9,127	25/12/2016	Madhya Pradesh	0	0	₹ 9,127	0	0
182	Pencil	Stationary	₹ 1,777	28/12/2016	Delhi	0	0	0	0	0
183	Socks	Footwear	₹ 680	28/12/2016	Delhi	0	0	₹ 680	0	1
184	Compass	Stationary	₹ 958	29/12/2016	Madhya Pradesh	₹ 958	0	0	0	0
185	Shoe	Footwear	₹ 2,613	29/12/2016	Telangana	0	0	₹ 2,613	0	0
186	Shoe	Footwear	₹ 339	30/12/2016	Telangana	0	0	₹ 339	0	0
					Total	176971	13	₹ 194,226	53398	2

So, 2 footwear come from delhi

Solved Excel Link:

<https://docs.google.com/spreadsheets/d/1LM8z866d9VJnx36Ke>

[89g4kneVqz8ttgbeIXjL4ogDv8/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1LM8z866d9VJnx36Ke89g4kneVqz8ttgbeIXjL4ogDv8/edit?usp=sharing)