Day 1 Questions

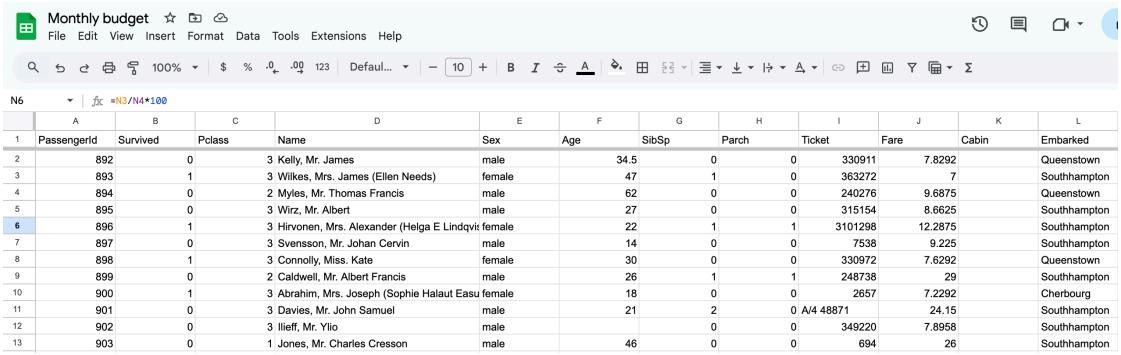
Using Titanic dataset

1. Load / Import data from Data Source.

   We have used get a platform for taking up the data okay, and we will load directly using the links what I been given.

Link : https://github.com/ibm-ice/Data-Exchange/titanic.csv

2. Find **find the total number of survivors** as per the **B (survived)column** which was your passenger column. It was just like a transcript so nothing to go with that kind of a session will be recorded, okay



	A	B	C	D	E	F	G	H	I	J	K	L
1	PassengerId	Survived	Pclass	Name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embarked
2	892	0	3	Kelly, Mr. James	male	34.5	0	0	330911	7.8292		Queenstown
3	893	1	3	Wilkes, Mrs. James (Ellen Needs)	female	47	1	0	363272	7		Southhampton
4	894	0	2	Myles, Mr. Thomas Francis	male	62	0	0	240276	9.6875		Queenstown
5	895	0	3	Wirz, Mr. Albert	male	27	0	0	315154	8.6625		Southhampton
6	896	1	3	Hirvonen, Mrs. Alexander (Helga E Lindqvi	female	22	1	1	3101298	12.2875		Southhampton
7	897	0	3	Svensson, Mr. Johan Cervin	male	14	0	0	7538	9.225		Southhampton
8	898	1	3	Connolly, Miss. Kate	female	30	0	0	330972	7.6292		Queenstown
9	899	0	2	Caldwell, Mr. Albert Francis	male	26	1	1	248738	29		Southhampton
10	900	1	3	Abrahim, Mrs. Joseph (Sophie Halaut Easu	female	18	0	0	2657	7.2292		Cherbourg
11	901	0	3	Davies, Mr. John Samuel	male	21	2	0	A/4 48871	24.15		Southhampton
12	902	0	3	Ilieff, Mr. Ylio	male		0	0	349220	7.8958		Southhampton
13	903	0	1	Jones, Mr. Charles Cresson	male	46	0	0	694	26		Southhampton

Python

```
1
2  COUNTIF(B:B, 1) # chdk if survived == 1. #
   output= 152
3
```

3. Third question stands for to find the total number of survivors as per the gender column, so you have to do it to filtration is using the function of count ifs.

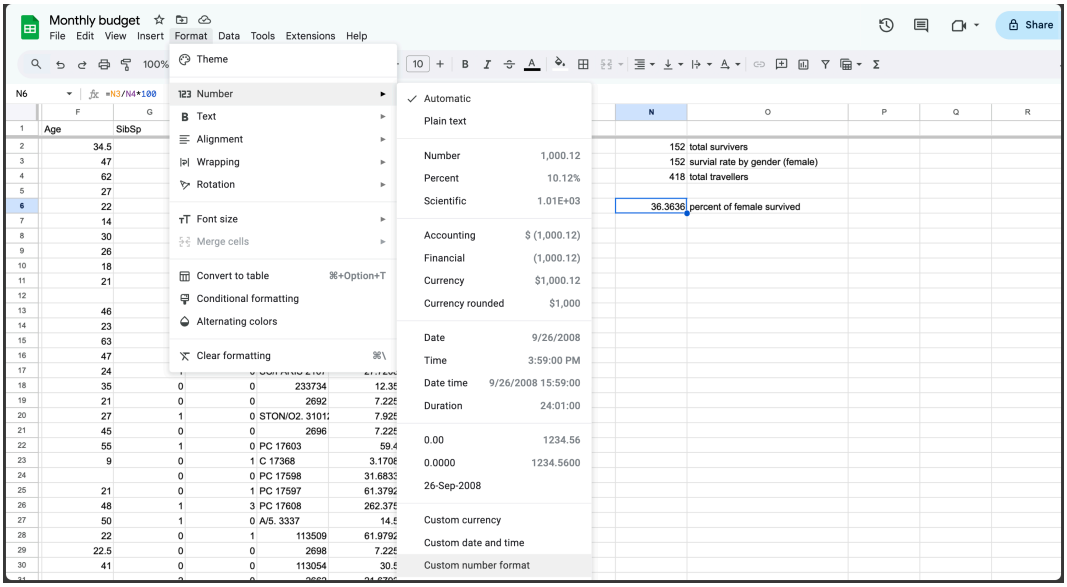
📌 COUNTIFS(B:B, 1, E:E, "female". #output = 152

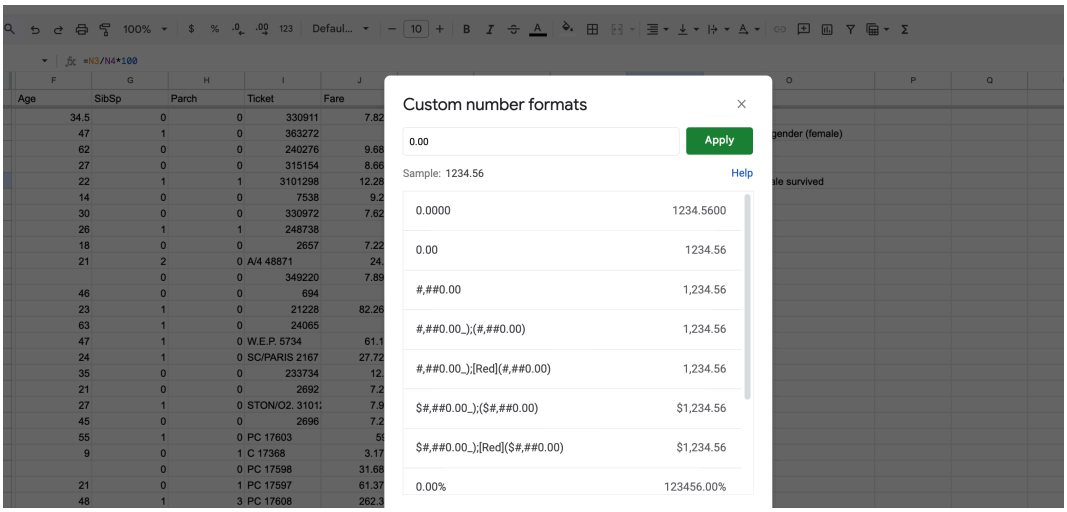
4. Now, if you have to find out the percentage of the total number of passengers travelled or let's say if we have to find out the total number of female, who travelled how many of them like? Find out the percentage of that okay how many of them survive we already know, so we have to calculate now what is the percentage of that? So how to calculate that you have the total number of survivors you have the count of the total data what you have divided and then multiply with hundred.

	Queenstown		152	total survivers
	Southhampton		152	survial rate by gender (female)
	Queenstown		418	total travellers
	Southhampton			
	Southhampton		=N3/N4*100	percent of female survived
	Southhampton			
	Queenstown			
	Southhampton			
	Cherbourg			
	Southhampton			
	Southhampton			

📌 =N3/N4*100 ## 36.3636

5. So in this part, we have to change the 36.36362 only two decimal places or maybe one decimal places okay so what do you have to do is you have to go to the format part after selecting the cell and click onto the number scroll down t custom number format okay and then you can select on the decimal and that should be two decimal numbers. as given below.




Custom number formats
0.00
Apply
Sample: 1234.56
Help
0.0000 1234.5600
0.00 1234.56
#,##0.00 1,234.56
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$#,##0.00_);($#,##0.00) $1,234.56
$#,##0.00_);[Red]($#,##0.00) $1,234.56
0.00% 123456.00%