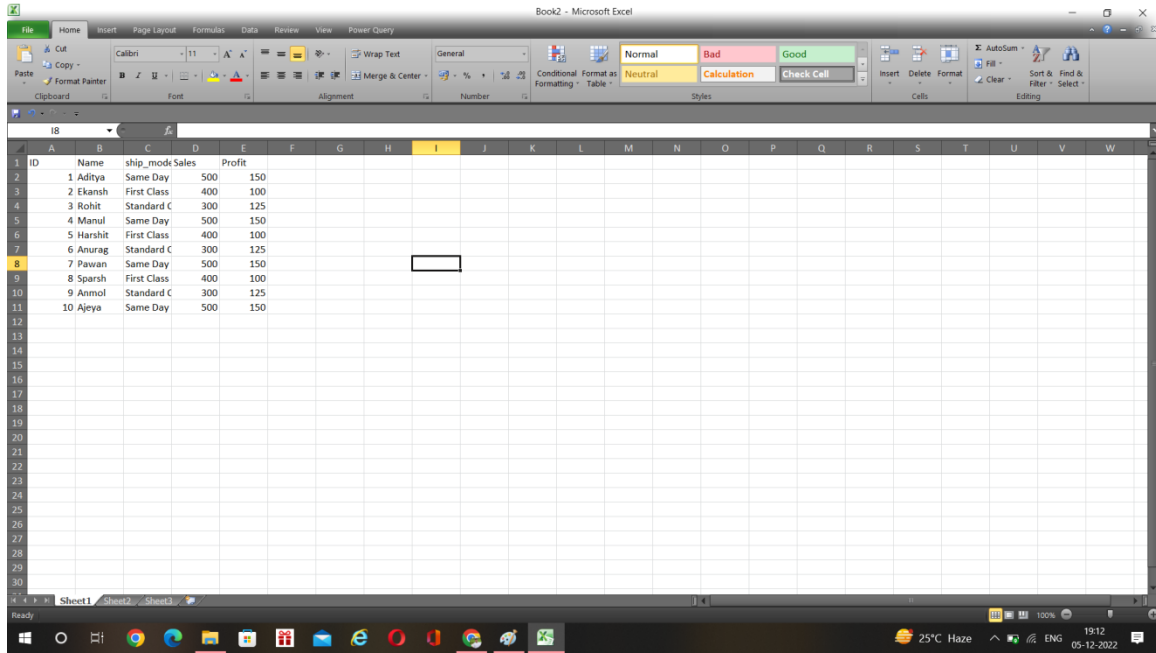


# Assignment-1

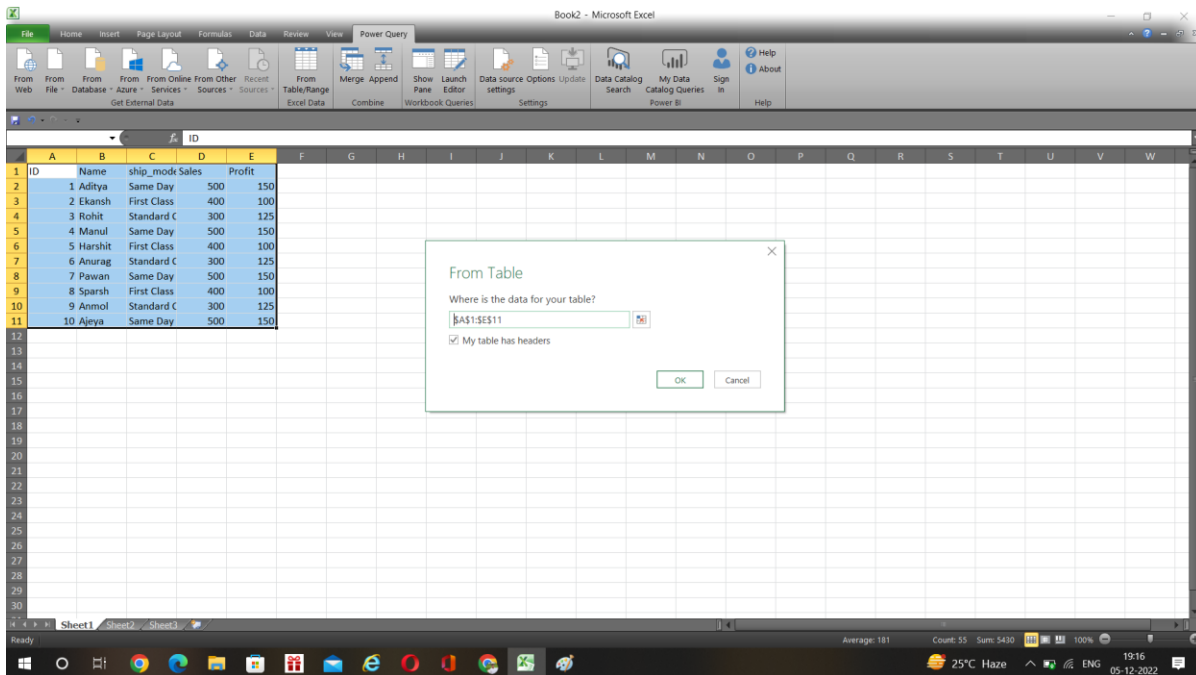
## Create a new Conditional Column

Step 1-> In excel make a table as given below.



ID	Name	ship_mode	Sales	Profit
1	Aditya	Same Day	500	150
2	Ekansh	First Class	400	100
3	Rohit	Standard C	300	125
4	Manul	Same Day	500	150
5	Harshit	First Class	400	100
6	Anurag	Standard C	300	125
7	Pawan	Same Day	500	150
8	Spash	First Class	400	100
9	Anmol	Standard C	300	125
10	Ajeya	Same Day	500	150

Step 2-> From the top bar select Power Query option and in it select From Table/Range and enter the range of cells you want to enter in the power query.



From Table

Where is the data for your table?

\$A\$1:\$E\$11

☒ My table has headers

OK Cancel

Step 3-> Our table will appear in Power Query in this form.

Table1 - Power Query Editor

ID	Name	ship_mode	Sales	Profit
1	Aditya	Same Day	500	250
2	Ekansh	First Class	400	200
3	Rohit	Standard Class	300	125
4	Manul	Same Day	500	250
5	Harshit	First Class	400	200
6	Anurag	Standard Class	300	125
7	Pawan	Same Day	500	250
8	Spash	First Class	400	200
9	Anmol	Standard Class	300	125
10	Ajaya	Same Day	500	250

Query Settings

PROPERTIES

Name: Table1

APPLIED STEPS

Source

Changed Type

Step 4-> Click on the option given beside the first column of the table, and select Add Conditional Column option.

Table1 - Power Query Editor

Queries

- Copy Entire Table
- Use First Row as Headers
- Add Custom Columns...
- Invoke Custom Function...
- Add Conditional Column...**
- Add Index Column...
- Choose Columns...
- Keep Top Rows...
- Keep Bottom Rows...
- Keep Range of Rows...
- Keep Duplicates
- Remove Top Rows...
- Remove Bottom Rows...
- Remove Alternate Rows...
- Remove Duplicates
- Remove Errors
- Merge Queries...
- Append Queries...

ID	Name	ship_mode	Sales	Profit
1	Aditya	Same Day	500	250
2	Ekansh	First Class	400	200
3	Rohit	Standard Class	300	125
4	Manul	Same Day	500	250
5	Harshit	First Class	400	200
6	Anurag	Standard Class	300	125
7	Pawan	Same Day	500	250
8	Spash	First Class	400	200
9	Anmol	Standard Class	300	125
10	Ajaya	Same Day	500	250

Query Settings

PROPERTIES

Name: Table1

APPLIED STEPS

Source

Changed Type

Step 5-> In Add conditional Column, add the data as given below, and click ok.

Table1 - Power Query Editor

Queries

ID	Name	ship_mode	Sales	Profit
1	Aditya	Same Day	500	250
2	Ekansh	First Class	400	200
3	Rohit	Standard Class	300	125
4	Manul	Same Day	500	250
5	Harshit	First Class	400	200
6	Anurag	Standard Class	300	125
7	Pawan	Same Day	500	250
8	Spash	First Class	400	200
9	Anmol	Standard Class	300	125
10	Ajaya	Same Day	500	250

Add Conditional Column

Add a conditional column that is computed from the other columns or values.

New column name: surcharge

Column Name	Operator	Value	Output
if ship_mode	equals	Same Day	0.2
Else if ship_mode	equals	First Class	0.1
Else if ship_mode	equals	Standard Class	0.5

Otherwise: 0

OK Cancel

Query Settings

PROPERTIES

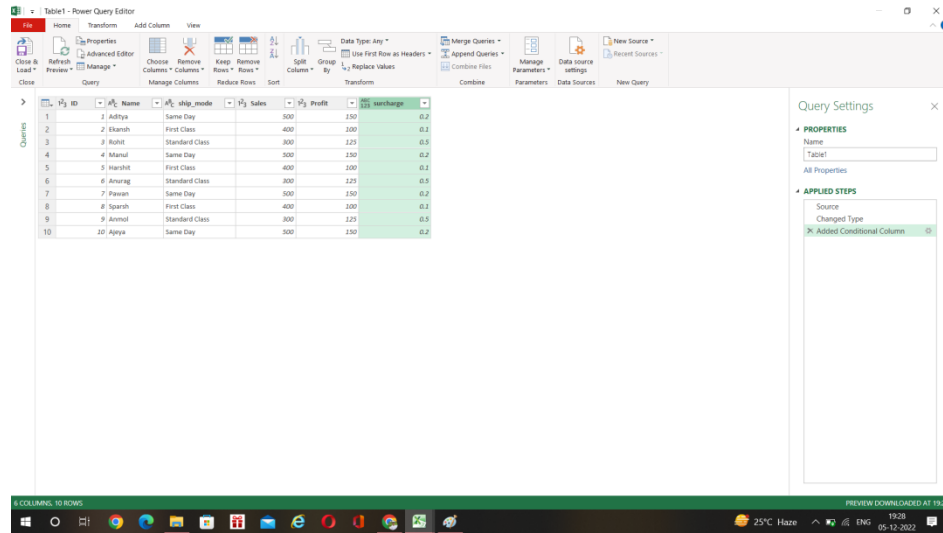
Name: Table1

APPLIED STEPS

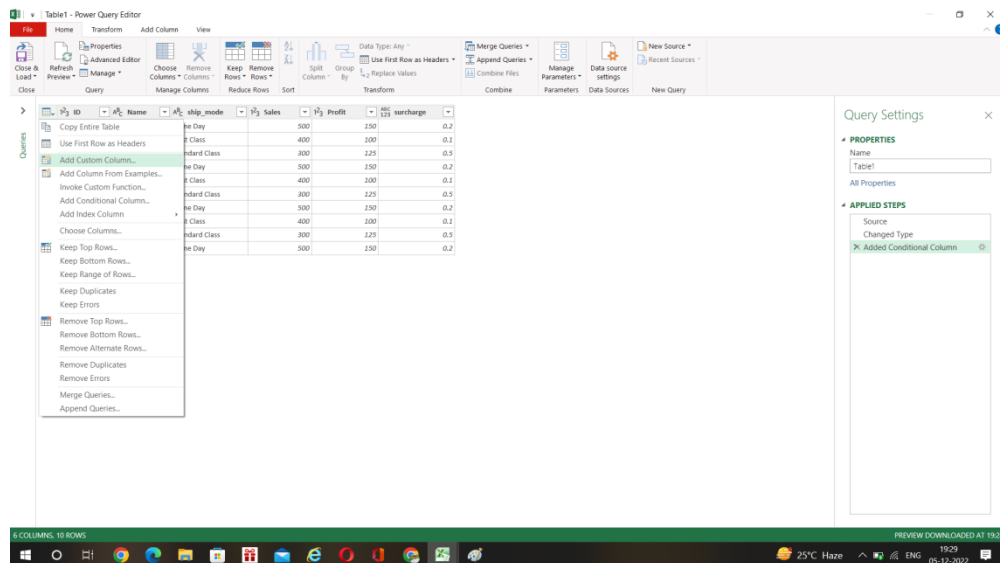
Source

Changed Type

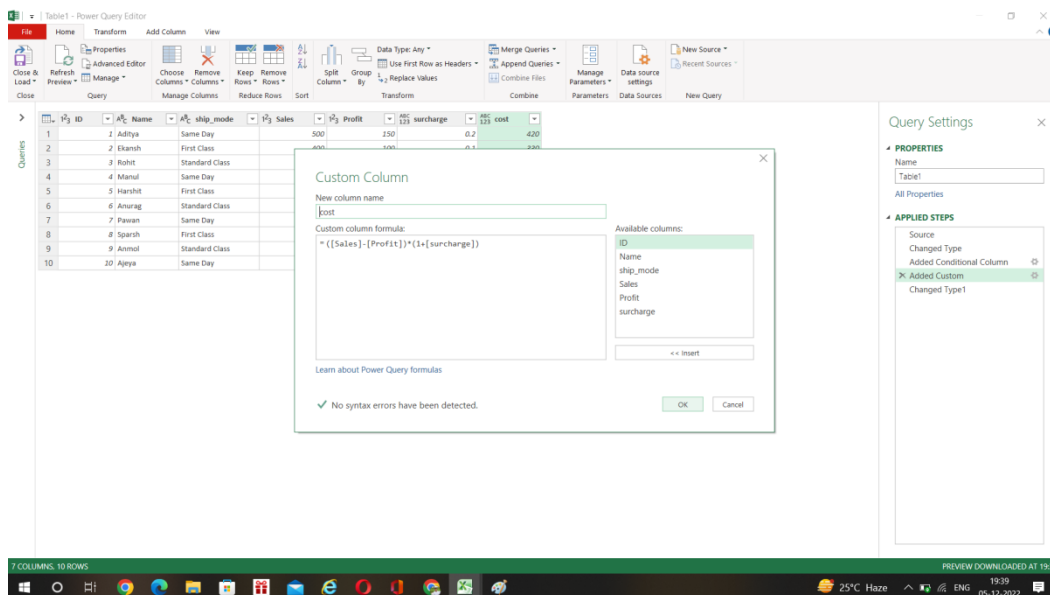
Step 6-> A new column will be created named “surcharge” as given below.



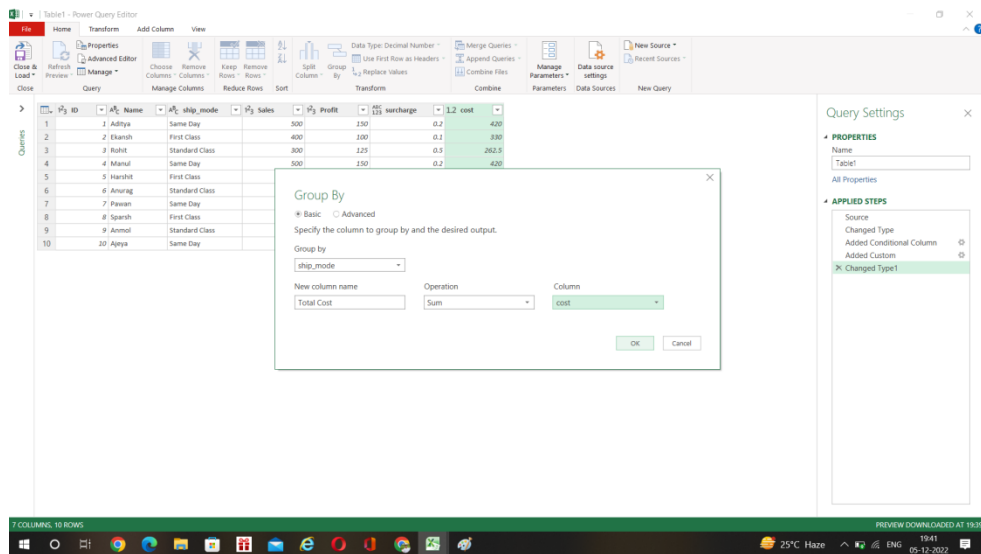
Step 7-> Again click on the option given beside the first column of the table, and select add custom column.



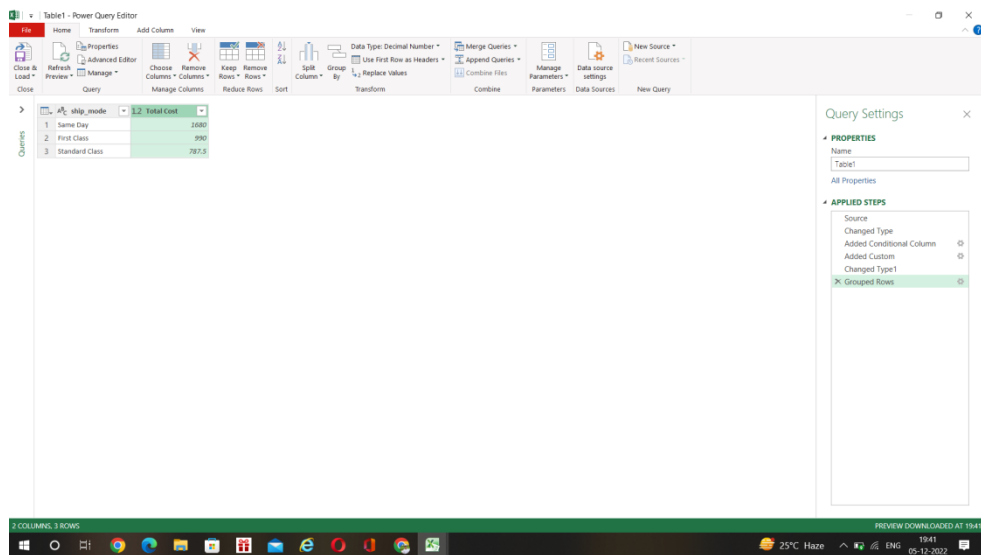
Step 8-> In Add custom Column, add the data as given below, and click ok.



Step 9-> A new column will be created named “cost”. Select Group by option from the top and add the data in the following manner.



Step 10-> We will get the final result.



Step 11-> Click on Close & load option on the top left.

