# **ADVANCE EXCEL ASSIGNMENT 12**

#### **Dataset:**

https://docs.google.com/spreadsheets/d/1IRSEnmgz8Ro276GslknRNk0zlrB5CZH1YrnT71kqFM/edit?usp=sharing

Use the above dataset and answer the following questions.

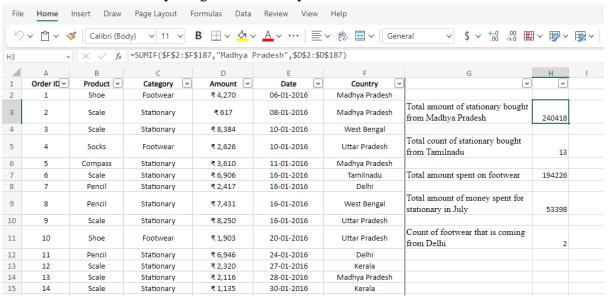
## 1. What is the total amount of stationary bought from Madhya Pradesh?

To calculate the sum of numbers that satisfies a specific condition, we can use SUMIF() function. Syntax is as follows: =SUMIF (Range, Criteria, [Sum Range])

Using the below formula on the given dataset we get the result as follows:

=SUMIF(\$F\$2:\$F\$187,"Madhya Pradesh",\$D\$2:\$D\$187)

Total amount of stationary bought from Madhya Pradesh = 240418



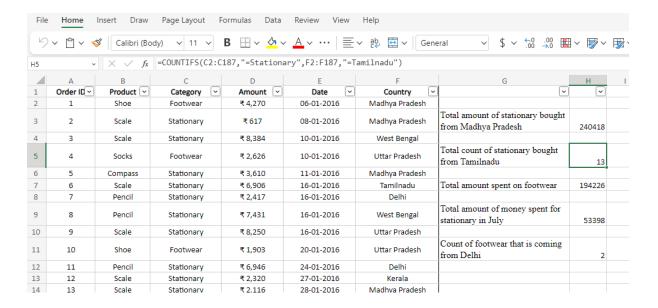
#### 2. What is the total count of stationary bought from Tamilnadu?

To calculate the count of data based on more than one criteria, use COUNTIFS() function. Syntax is:

COUNTIFS(criteria range1, criteria1, [criteria range2, criteria2]...)

Using the below formula on the given dataset we get the result as follows: =COUNTIFS(C2:C187,"=Stationary",F2:F187,"=Tamilnadu")

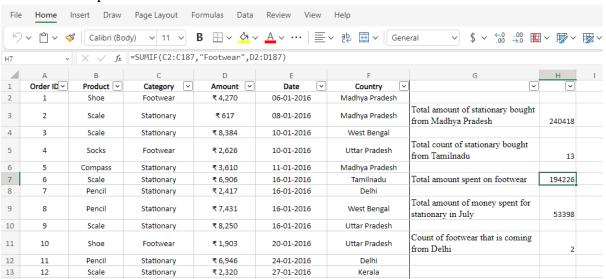
Total count of stationary bought from Tamilnadu = 13



#### 3. What is the total amount spent on footwear?

To calculate the total amount spent on footwear, use SUMIF() function as follows: =SUMIF(C2:C187, "Footwear", D2:D187)

#### Total amount spent on footwear = 194226



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

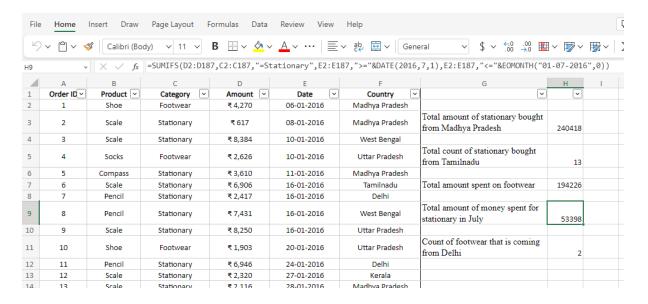
To calculate the sum over more than one criteria, use SUMIFS() function.

Syntax : =SUMIFS(sum range,criteria range 1,criteria range,...)

The formula used here is:

=SUMIFS(D2:D187,C2:C187,"=Stationary",E2:E187,">="&DATE(2016,7,1),E2:E187," <="&EOMONTH("01-07-2016",0))

Total amount of money spent for stationary in July = 53398



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

To calculate the count over more than one criteria, use COUNTIFS() function.

The formula used here is: =COUNTIFS(C2:C187,"=Footwear",F2:F187,"=Delhi") Count of footwear that is coming from Delhi = **2** 

