

## 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: -

The SUMIFS function in Excel is used to calculate the sum of values based on multiple criteria or conditions. It allows you to specify one or more ranges to sum, along with corresponding criteria that the data must meet to be included in the sum.

**Formula =SUMIFS (D:D, C:C, "Stationary", F:F, "Madhya Pradesh")**

- **D:D:** The column containing the amounts.
- **F:F:** The column containing the states.
- **"Madhya Pradesh":** The criteria to match the state.
- **C:C:** The column containing the categories.
- **"Stationary":** The criteria to match the category.

Total amount of stationary bought from Madhya Pradesh: - ₹ 1,76,971.00

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

Ans: -

The COUNTIFS function in Excel is used to count the number of cells that meet multiple criteria or conditions. It allows you to specify one or more ranges to count, along with corresponding criteria that the data must meet to be included in the count.

**Formula =COUNTIFS (C:C, "Stationary", F:F, "Tamilnadu")**

- **C:C:** The column containing the categories.
- **"Stationary":** The criteria to match the category.
- **F:F:** The column containing the states.
- **"Tamilnadu":** The criteria to match the state.

The total count of stationary bought from Tamil Nadu = 13

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

Ans: -

Formula =SUMIFS (D:D, C:C, "Footwear")

- C:C: The column containing the categories.
- "Footwear": The criteria to match the category

The total amount spent on footwear = ₹ 1,94,226.00

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

Ans: -

Formula=SUMIFS (D:D, E: E, ">=1/7/2016", E: E, "<=31/7/2016", C:C, "Stationary")

- D:D: Contain the Amount
- E: E: Contain the Date column where we are referring to >=1<sup>st</sup> July 2016 to 31<sup>st</sup> July 2016
- C:C: Contain the category
- "Stationary": The criteria to match the category

Total amount of money spent for stationary in July is ₹ 53,398.00

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

Ans: -

Formula=COUNTIFS (C:C, "Footwear", F: F, "Delhi")

In this formula:

- C:C represents the column containing the product categories.
- "Footwear" is the criteria to match footwear products.
- F: F represents the column containing the countries.
- "Delhi" is the criteria to match products coming from Delhi.

The count of footwear products coming from Delhi is 2