

We will learn how to use multiple Excel formulas in one cell by utilizing the **Ampersand** operator.

Here we will apply two separate Excel formulas in one cell, such as *the SUM function* and *the AVERAGE function*.

Let's suppose we have a sample data set.

Step 1: Creating Data Set

In this step, the **SUM** function and the **AVERAGE** function are applied in two different cells to show the difference between multiple Excel formulas used in one cell and multiple formulas in different cells.

- Here, we want to determine the total sales for all the salespeople and their average sales value.
 - Then, we apply the **SUM** and **AVERAGE** functions to determine the total sales and average sales value in two different cells, respectively.
 - Finally, you will observe the final results of the total sales and the average sales.
-

Step 2: Inserting First Formula

- Firstly, apply the first formula in the following manner.
- So, write down the following formula.

```
= "Total Sales = "& SUM(C5:C12)
```

- After that, hit **ENTER**.
 - As a result, you will see the results for the first formula.
-

Step 3: Utilizing Ampersand Operator

If we want to combine or apply the separate Excel formulas in one cell, That is why we use the **Ampersand** operator to put multiple formulas in one cell.

- Here in this step, we use the **Ampersand** operator at the last position of the first SUM formula to add another formula in the same cell.
-

Step 4: Inserting Second Formula

In this step, we will demonstrate to you how to combine the second formula with the first formula in one cell by utilizing the **Ampersand** formula.

- So, complete the following two formulas in this section to use Excel formulas in one cell by utilizing the **Ampersand** operator.
- Then, write down the following formula in the following manner.

```
= "Total Sales = "&SUM(C5:C12)&", "&"Average Sales = "&AVERAGE(C5:C12)
```

- After that, press **ENTER**.
-

Step 5: Showing Final Results

- So, this is our final step where you will see the outcome of using two different formulas in one cell.