

## DA Assignment – 4

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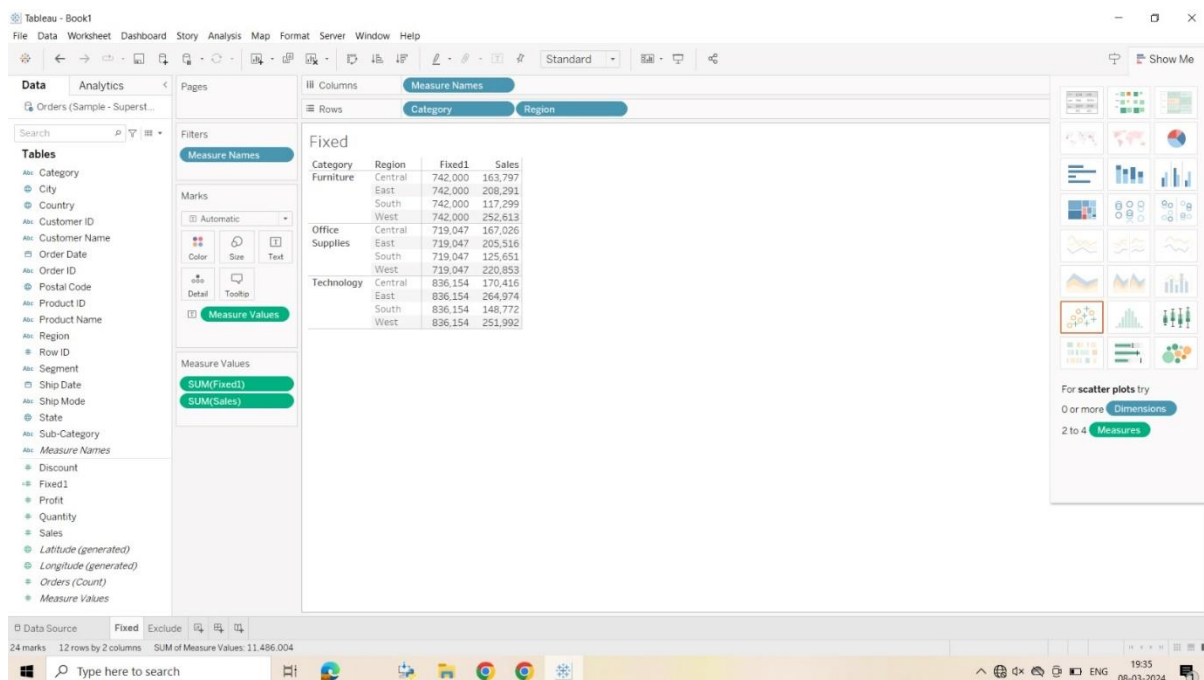
Sri Padmavathi Mahila VisvaVidyalayam

**Task 1:** Create one fixed and one exclude LOD expression

### Fixed LOD:

FIXED level of detail (LOD) expression computes a value using the specified dimensions, without reference to dimensions in the view.

FIXED LOD expressions are used to create a calculated field that aggregates data using a specific set of dimensions. This allows users to **isolate specific dimensions for the calculation while keeping other dimensions unaffected**. FIXED expressions provide a consistent scope of aggregation, irrespective of the view's dimensions. They are useful when you want to perform calculations based on a specific subset of data. Without being influenced by the view's filters.



### Exclude LOD:

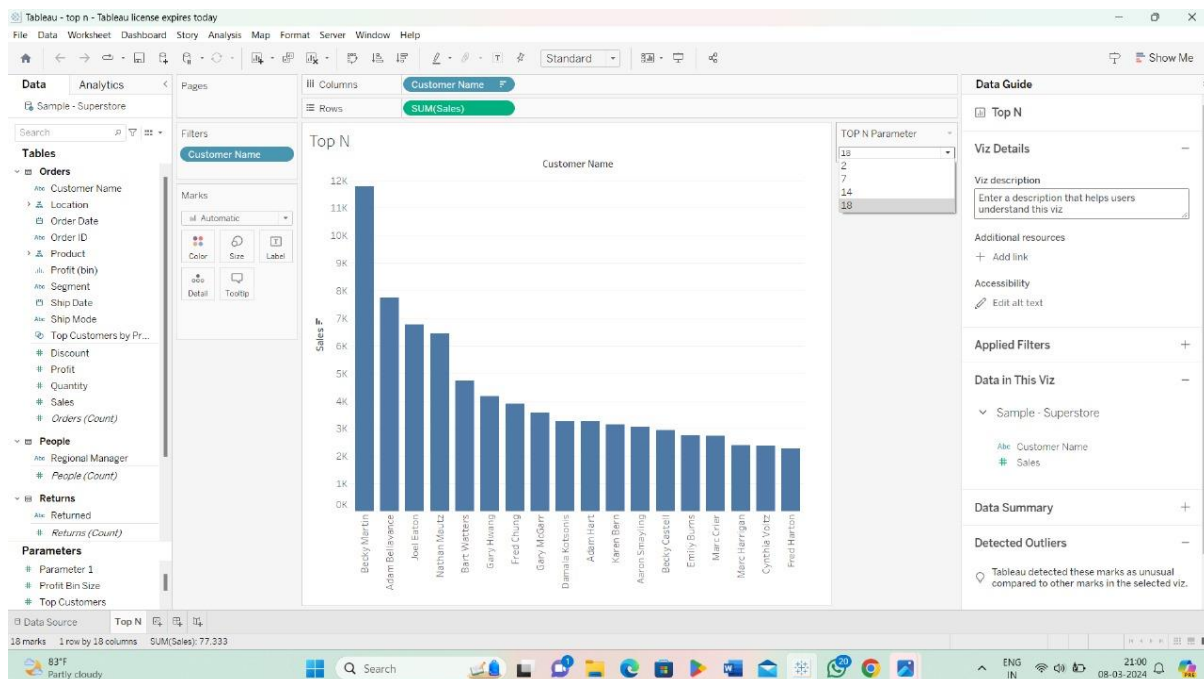
EXCLUDE LOD expressions work by excluding a specific dimension or set of dimensions from the calculation. While still considering the other dimensions present in the view. These expressions are helpful when you want to **calculate values without the influence of certain dimensions**.



## Task 3:

### Top N Parameters:

Top N% filter is a feature available in Tableau that allows users to filter and display a certain percentage of their data. To better understand how it works, let's take an example. Suppose we want to display product categories and their sales value but showing only the first 75% of the recorded values. Instead of crowding filter area in Tableau, we can add a Top N% filter to automatically display the first 25%, 50% or 75% of the values we have in our data set.



### Dynamic Parameters:

Dynamic parameters are special types of parameters. Dynamic parameter value is recalculated each time you assess the parameter; i.e., this parameter acts as a function.

