**1. Data Sorting in Tableau**

Sorting allows users to order the data in a meaningful way to better interpret patterns or trends. Tableau offers several ways to sort data:

**Manual Sorting**

* **Sort by Field**: You can click on the field header in a view (e.g., a column or row in a table or a bar in a chart) and select **Sort**.
* **Sort by Data**: You can sort by a specific measure (e.g., sorting products by sales, or regions by profit).

**Automatic Sorting**

* **Sort Ascending or Descending**: Tableau can automatically sort dimensions based on their aggregated measure.
  + Example: Sorting products by total sales in descending order.

**Custom Sorting**

* You can create custom sort orders in Tableau, which allows sorting dimensions manually, often by assigning a numerical or specific order to categories.
  + Example: Sorting regions in a specific order that isn't alphabetical or numerical.

**Sorting in Calculated Fields**

You can also create calculated fields to sort data, for example: