

QUICK LOD EXPRESSIONS

This was introduced in **Tableau Ver 2021.1**

This feature allows us to currently create a **FIXED LOD** expression without having to enter anything in the calculation editor dialog box

Currently there are 2 methods to create a quick LOD calculation

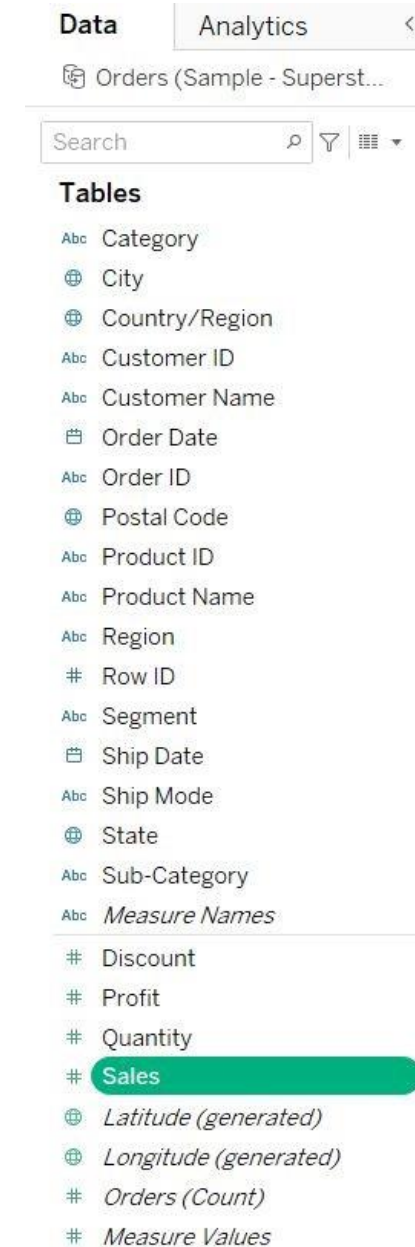
Method-I: Control-click (or Command-click on a Mac) the measure to be aggregated and drag it to the required dimension we want to aggregate on

Method-II: Select the measure to be aggregated and then Control-click (or Command-click on a Mac) to select the dimension that we want to aggregate on

Right-click on the selected fields and select **Create > Quick LOD > LOD Calculation**

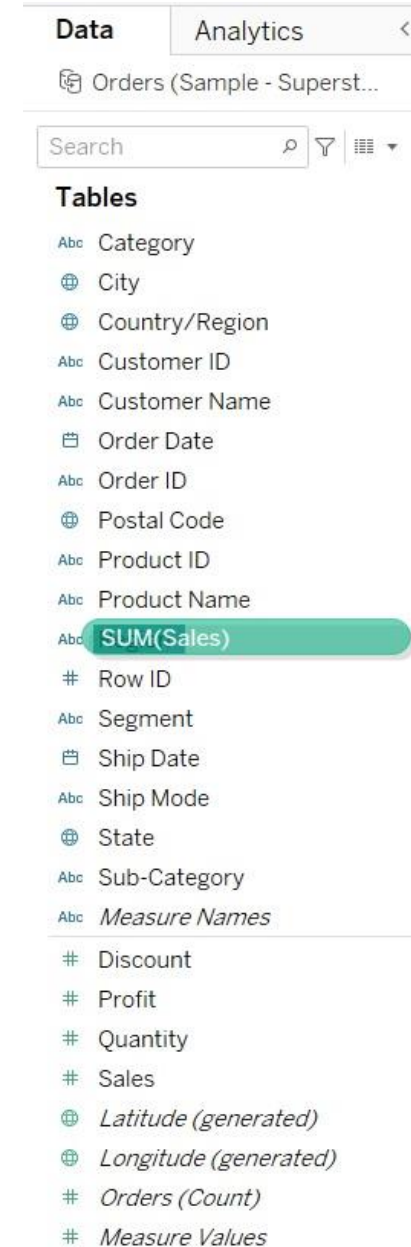
METHOD-I FOR CREATING QUICK LOD EXPRESSION

Step 1: Control-click (or Command-click on a Mac) the required **measure** to be aggregated in the Data Pane e.g.: **Sales**



METHOD-I FOR CREATING QUICK LOD EXPRESSION

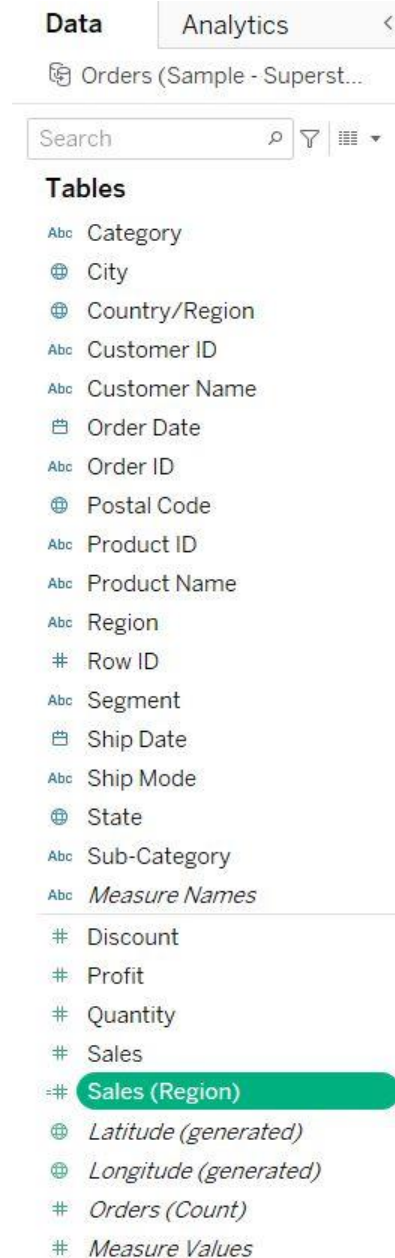
Step 2: Drag and drop the **Sales** to the required dimension in the Data Pane e.g.: **Region**



METHOD-I FOR CREATING QUICK LOD EXPRESSION

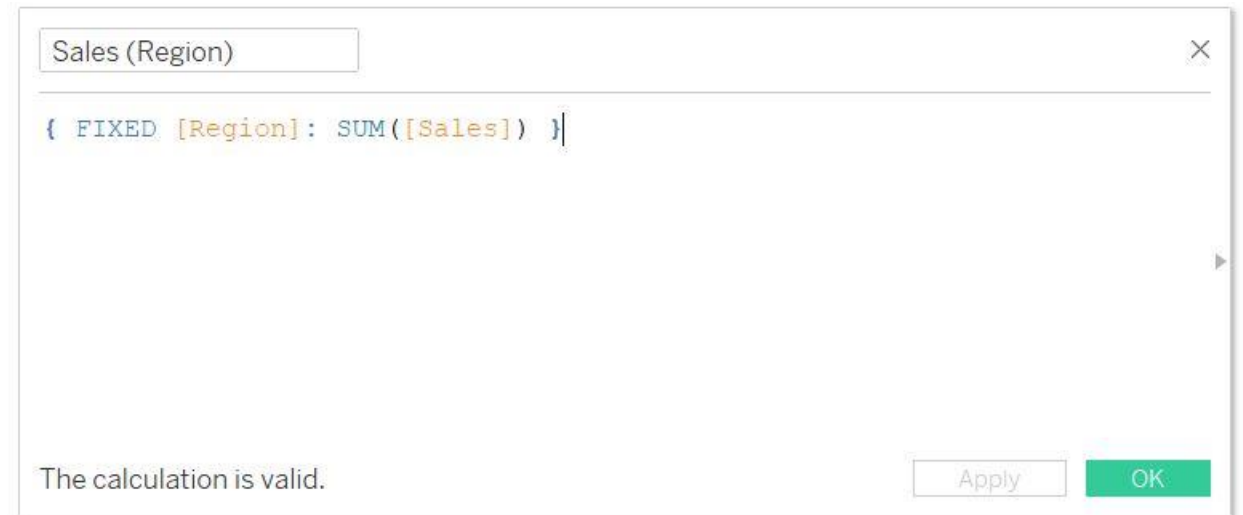
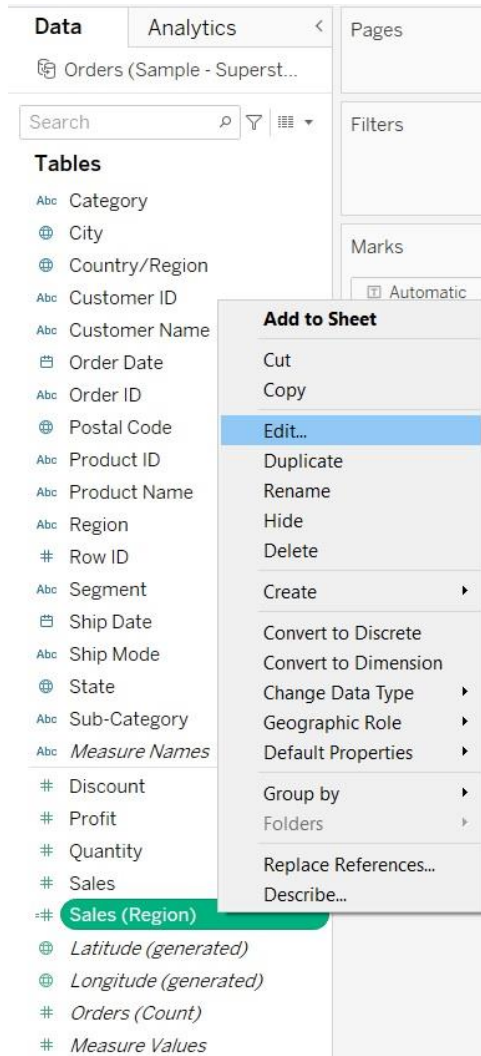
Step 3: The newly created **Quick LOD** will now be present in the Data Pane i.e., **Sales (Region)**

The default field name will be in the format
<Measure> <Dimension>



METHOD-I FOR CREATING QUICK LOD EXPRESSION

Step 4: If required we can check the actual calculation
Right-click on the selected field and **Edit**



METHOD-I FOR CREATING QUICK LOD EXPRESSION

Step 5: If required we can change the **scoping keyword** from **FIXED** to **INCLUDE** or **EXCLUDE** based on the use case



METHOD-II FOR CREATING QUICK LOD EXPRESSION

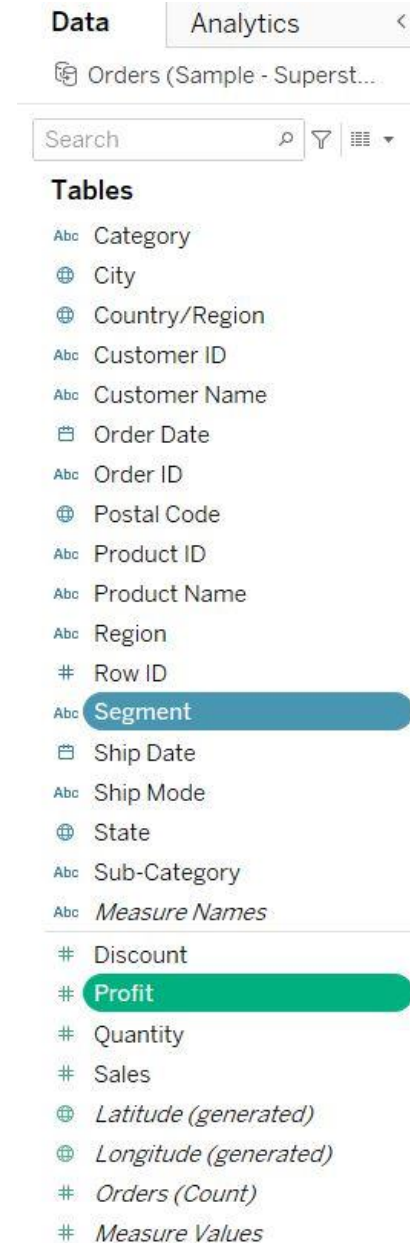
Step 1: Select the required **measure** to be aggregated in the Data Pane e.g.: **Sales**

The screenshot shows a data analytics interface. At the top, there are two tabs: 'Data' and 'Analytics'. Below the tabs, there is a search bar with the text 'Orders (Sample - Superst...)'. Below the search bar, there is a list of measures under the heading 'Tables'. The measures are: Category, City, Country/Region, Customer ID, Customer Name, Order Date, Order ID, Postal Code, Product ID, Product Name, Region, Row ID, Segment, Ship Date, Ship Mode, State, Sub-Category, Measure Names, Discount, Profit, Quantity, Sales, Latitude (generated), Longitude (generated), Orders (Count), and Measure Values. The 'Profit' measure is highlighted with a green bar.

Measure
Category
City
Country/Region
Customer ID
Customer Name
Order Date
Order ID
Postal Code
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
Sub-Category
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
Orders (Count)
Measure Values

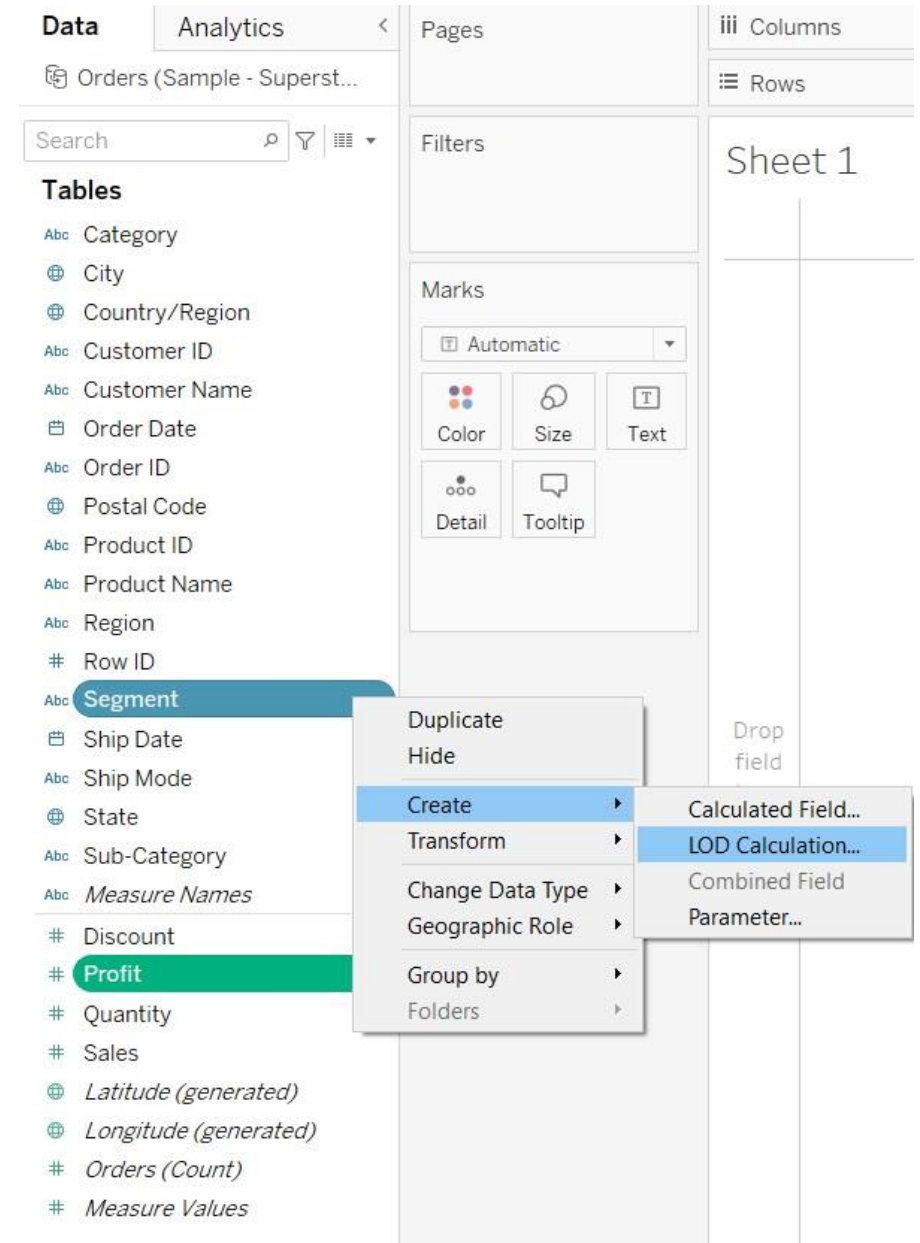
METHOD-II FOR CREATING QUICK LOD EXPRESSION

Step 2: Control-click (or Command-click on a Mac) to select the dimension e.g.: **Segment**



METHOD-II FOR CREATING QUICK LOD EXPRESSION

Step 3: Right-click on the selected fields and select **Create > Quick LOD > LOD Calculation**



METHOD-II FOR CREATING QUICK LOD EXPRESSION

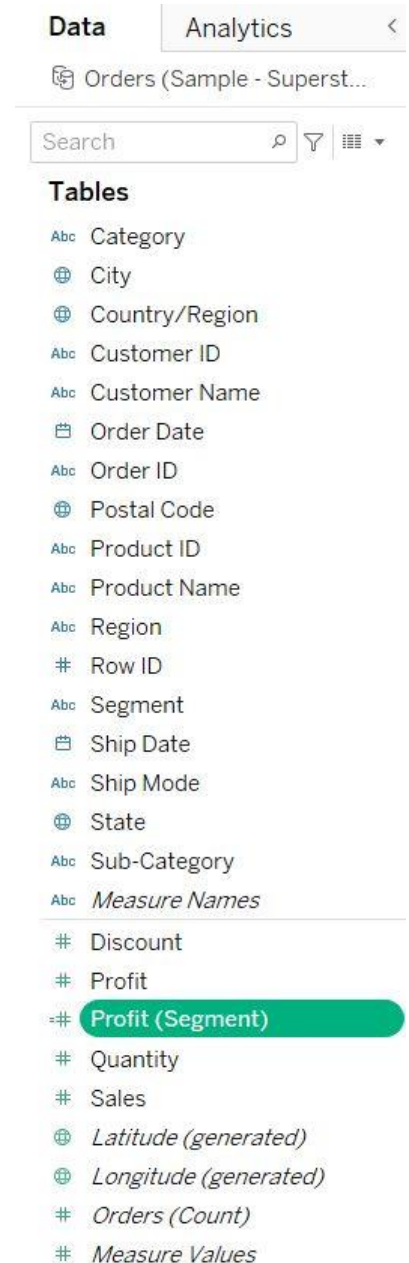
Step 4: The Calculation Dialog box will appear. Click on **OK**



METHOD-II FOR CREATING QUICK LOD EXPRESSION

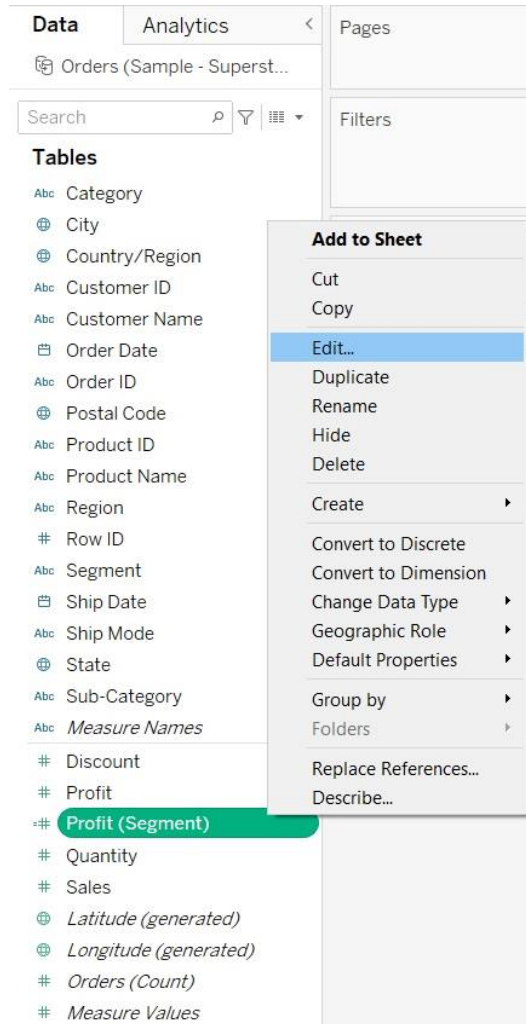
Step 5: The newly created **Quick LOD** will now be present in the Data Pane i.e., **Profit (Segment)**

The default field name will be in the format
<Measure> <Dimension>



METHOD-II FOR CREATING QUICK LOD EXPRESSION

Step 6: If required we can check the actual calculation
Right-click on the selected field and **Edit**



METHOD-II FOR CREATING QUICK LOD EXPRESSION

Step 7: If required we can check the actual calculation
Right-click on the selected field and **Edit**

