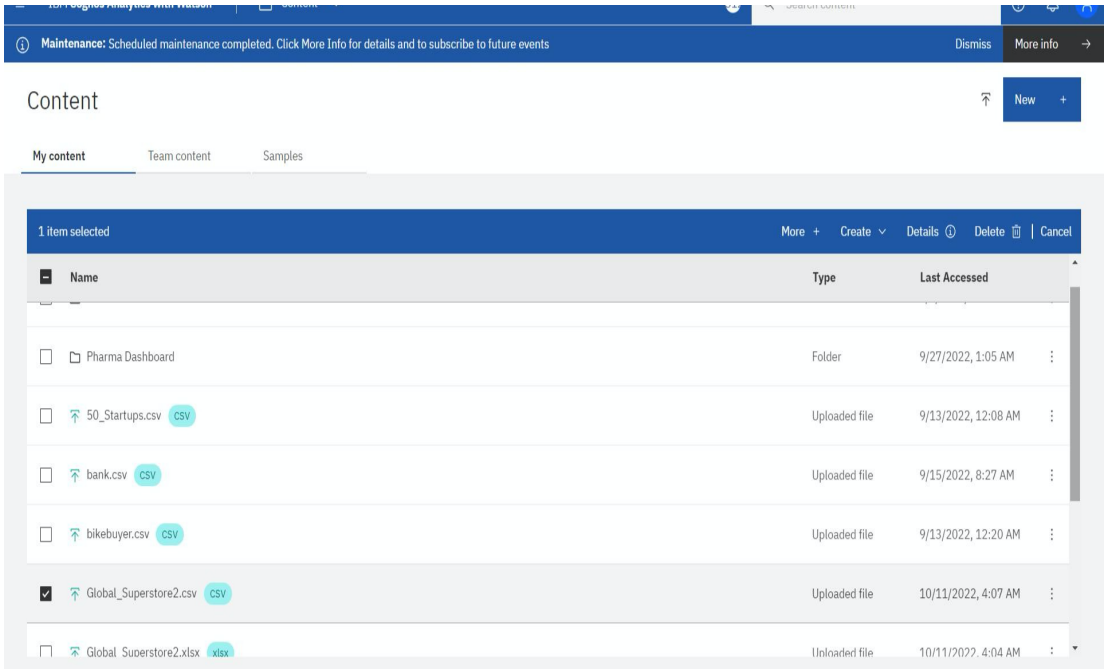
PREPARE THE DATASETS

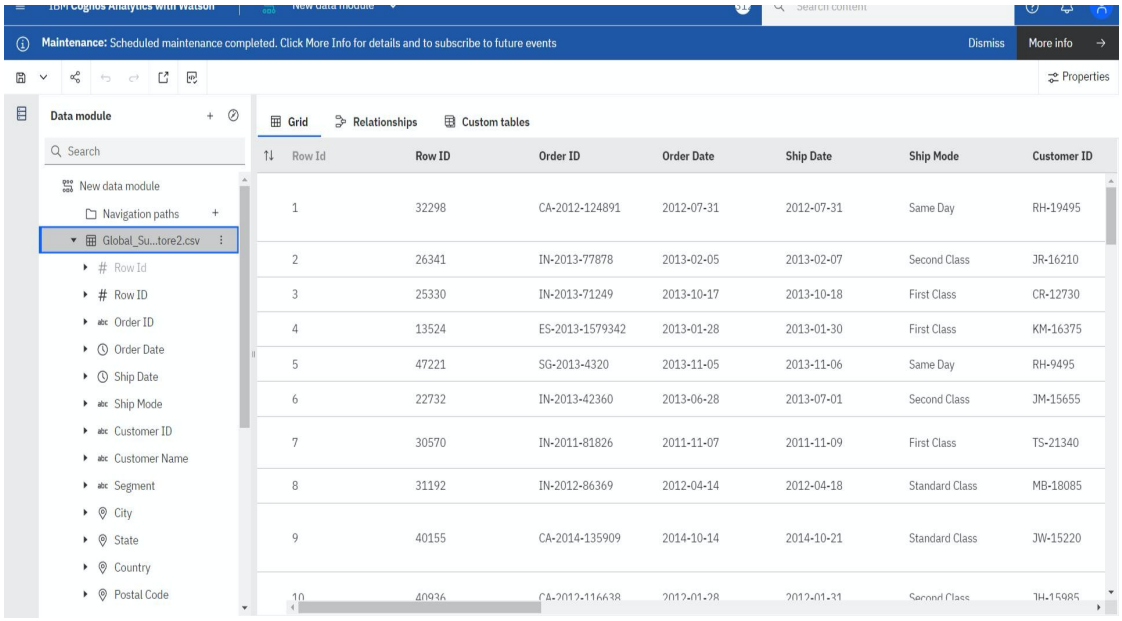
Team ID	**PNT2022TMID13158**
Project Name	**Global Sales Data Analytics**

DATA PREPARATION

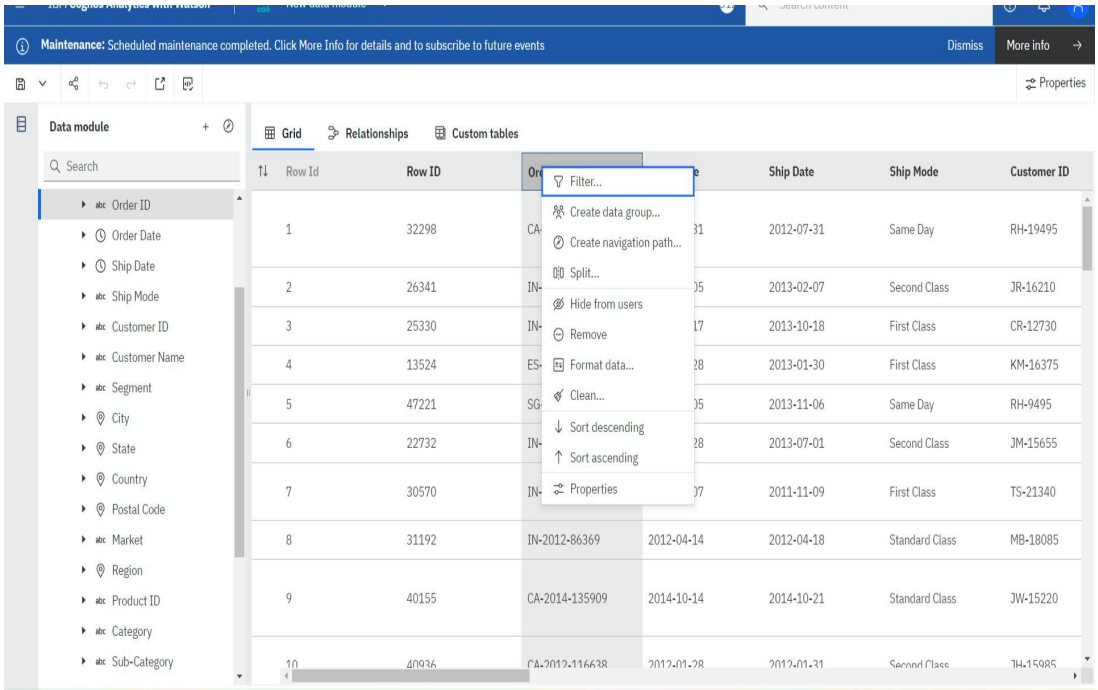
1. First understand and load the data.

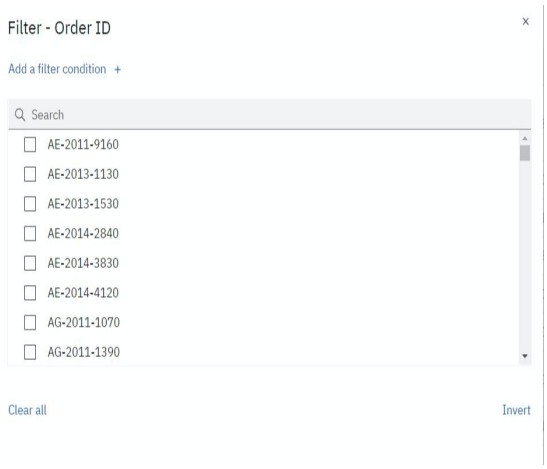


2. Since there is only single file, there need not be relationships or custom tables for the data.



3. To Prepare the data, we need to verify it is clean. There must be no null values. If there are null values, there will be empty data.





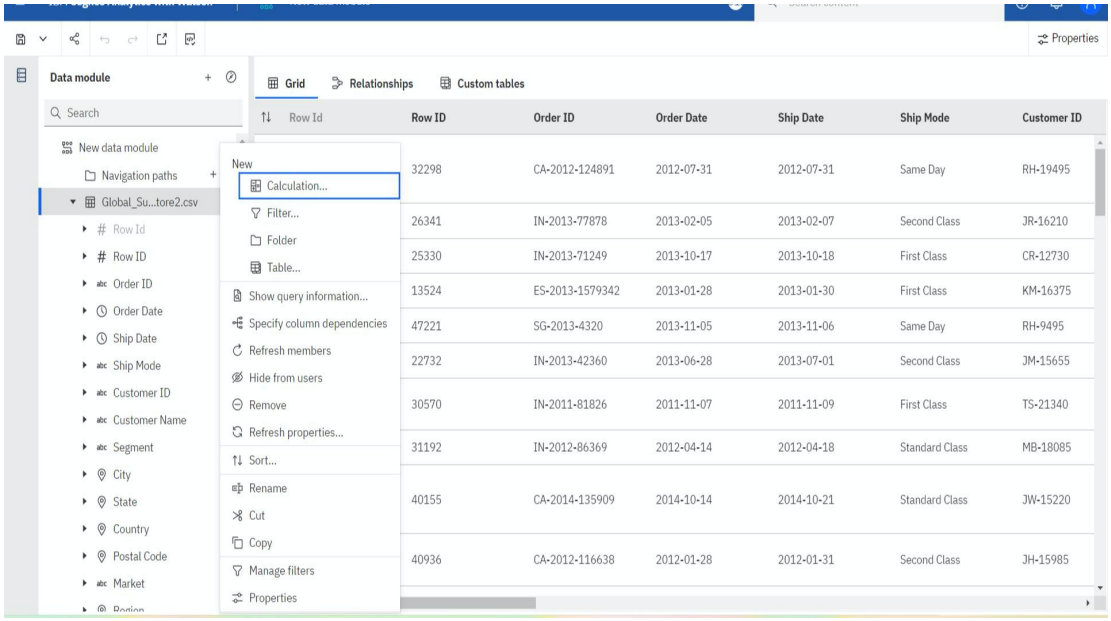
3. Once cleaned, the data is saved.

DATE CALCULATIONS AND NAVIGATION PATHS

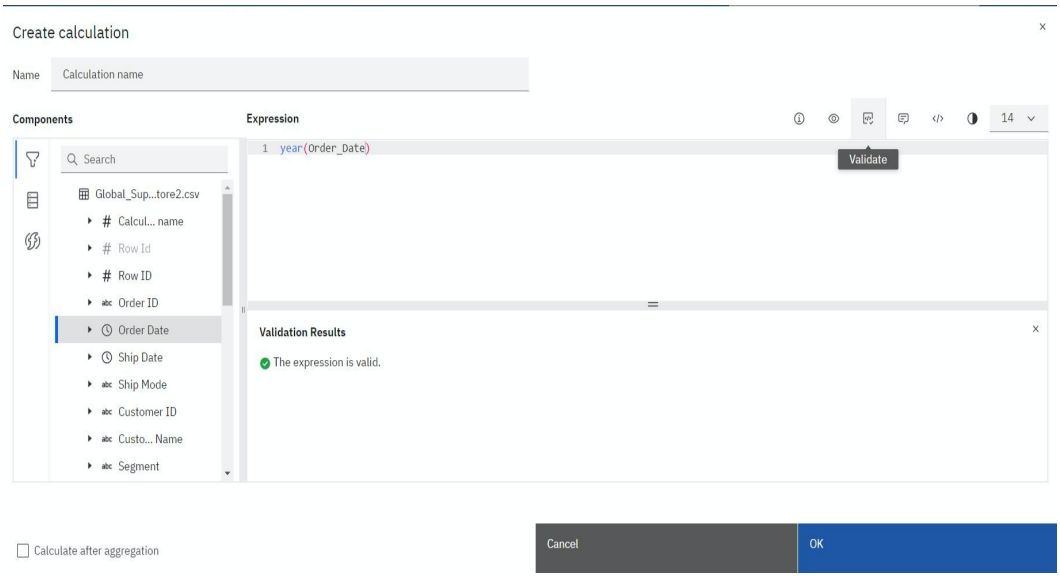
Once you load the data, we need to Prepare the data.

a. Prepare Calculations of Year, Month, Day fields and also the related Navigation path

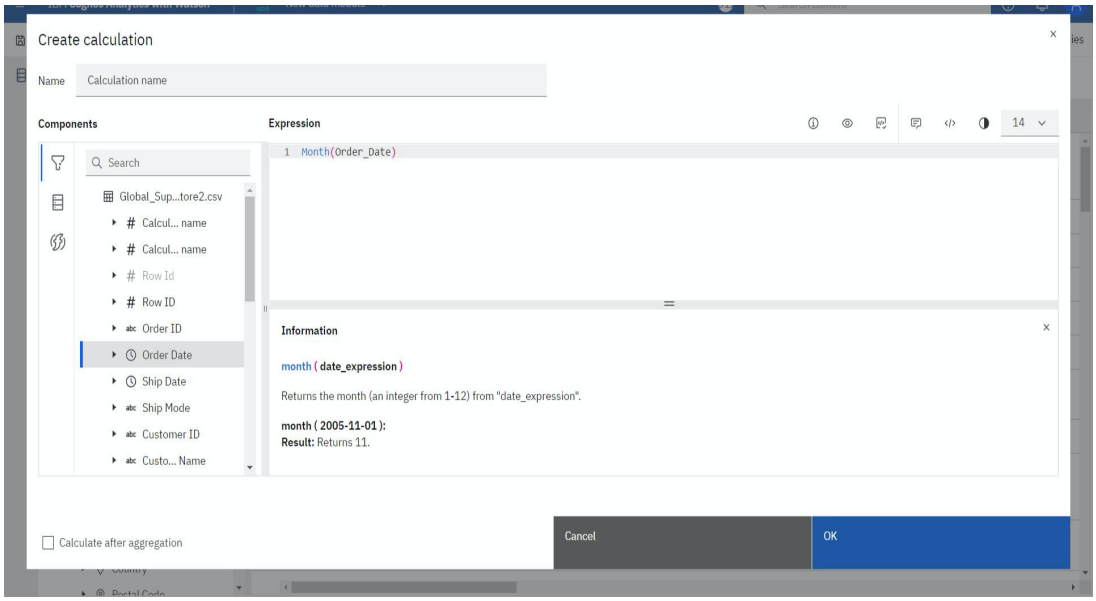
b. Create a Few more Calculations – Target Sales, Min Sales, Max Sales, Middle Range Sales.



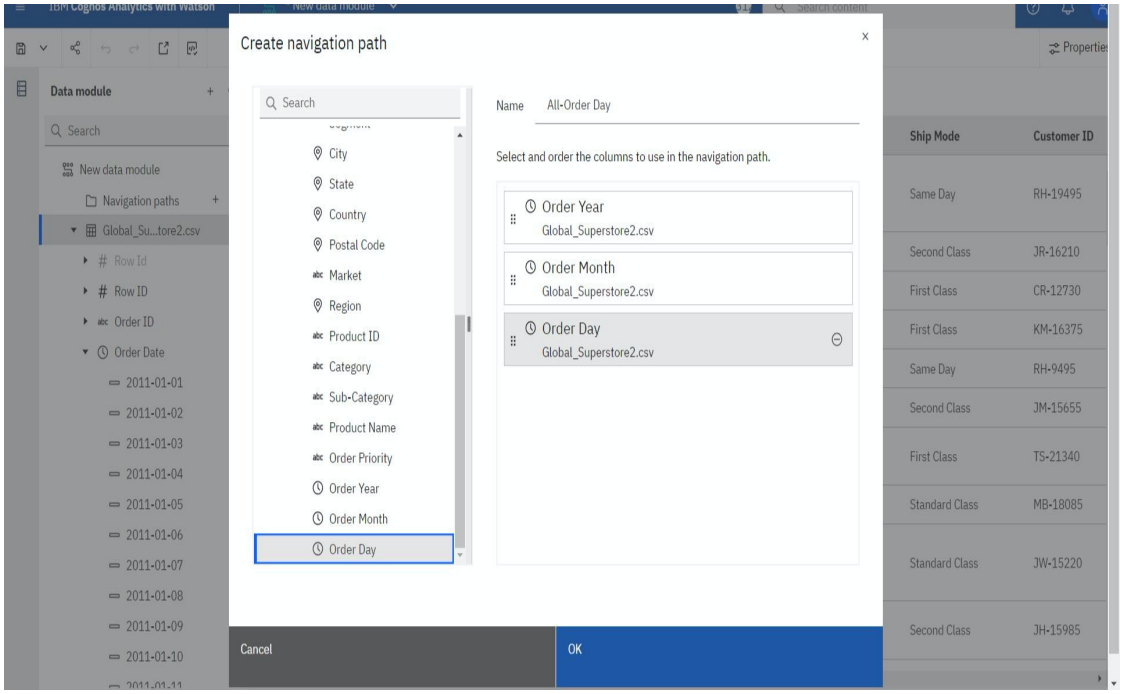
1. Right click> calculation> type expression> validate> Set Name as ‘Order Year’



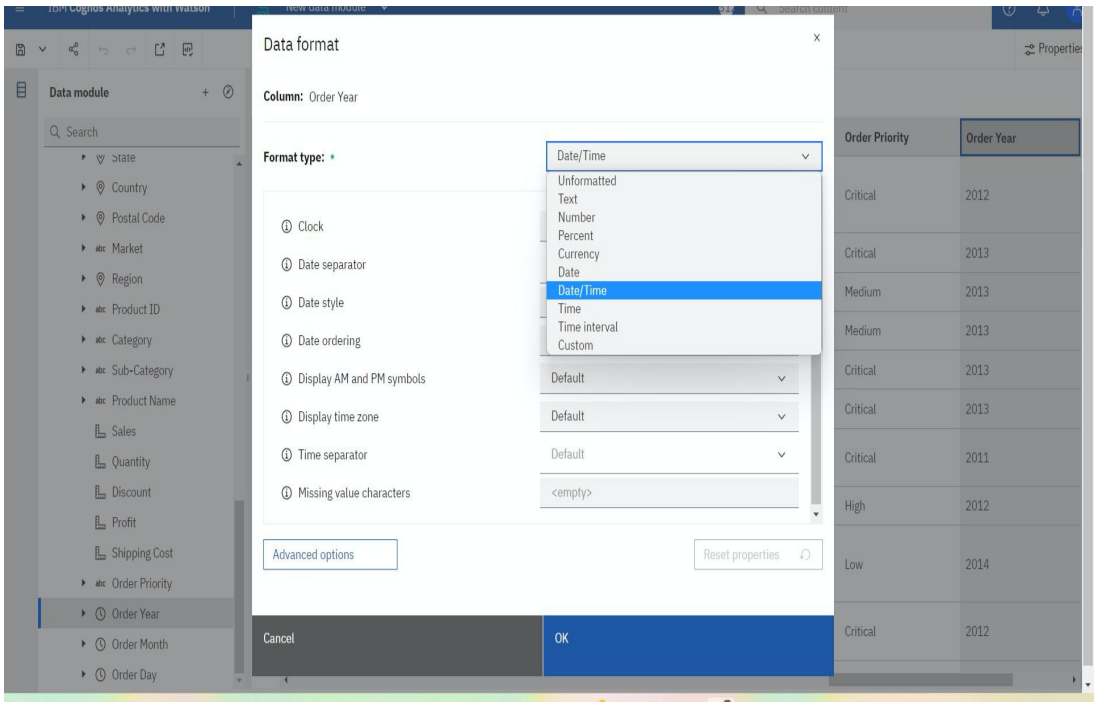
2. Similarly, ‘OrderMonth’, ‘OrderDay’ and ‘All’
OrderYear -> Year (Order_Date)
OrderMonth -> Month (Order_Date)
OrderDay -> Day (Order_Date)
All -> All



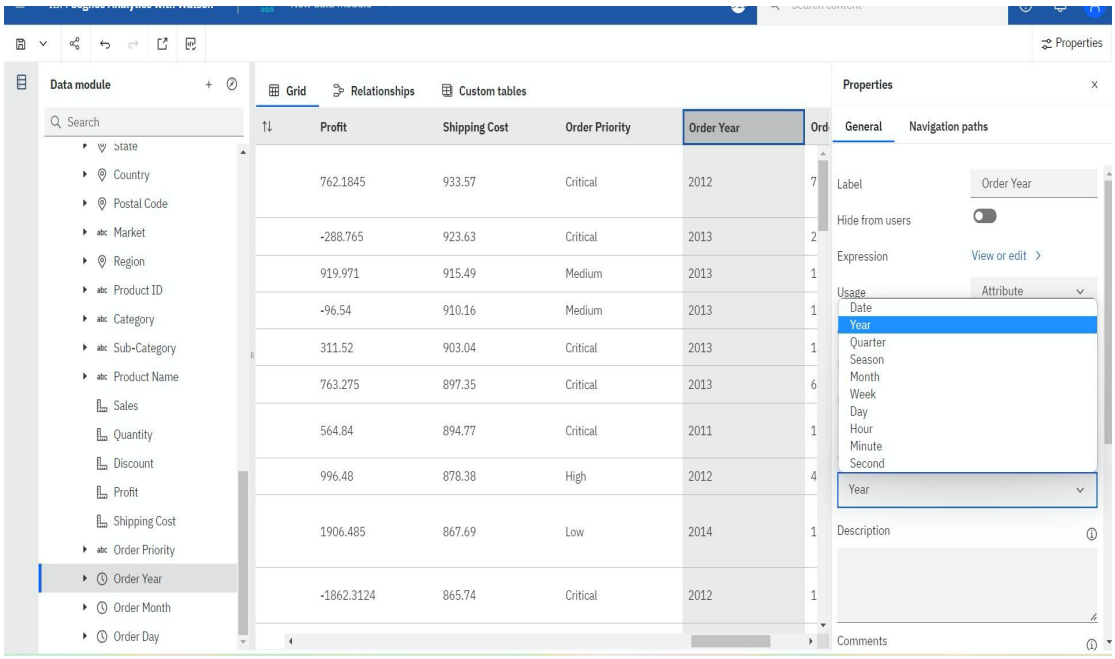
3. Right click on create navigation path



4. Data format> Date/Time



5. Properties> Usage-> Attribute
Aggregate-> Count Distinct
Data Type-> Integer
Represents-> Time, (Year, Month, Day Respectively)
Display Options-> Show Members
This way it becomes a Numerical data Type

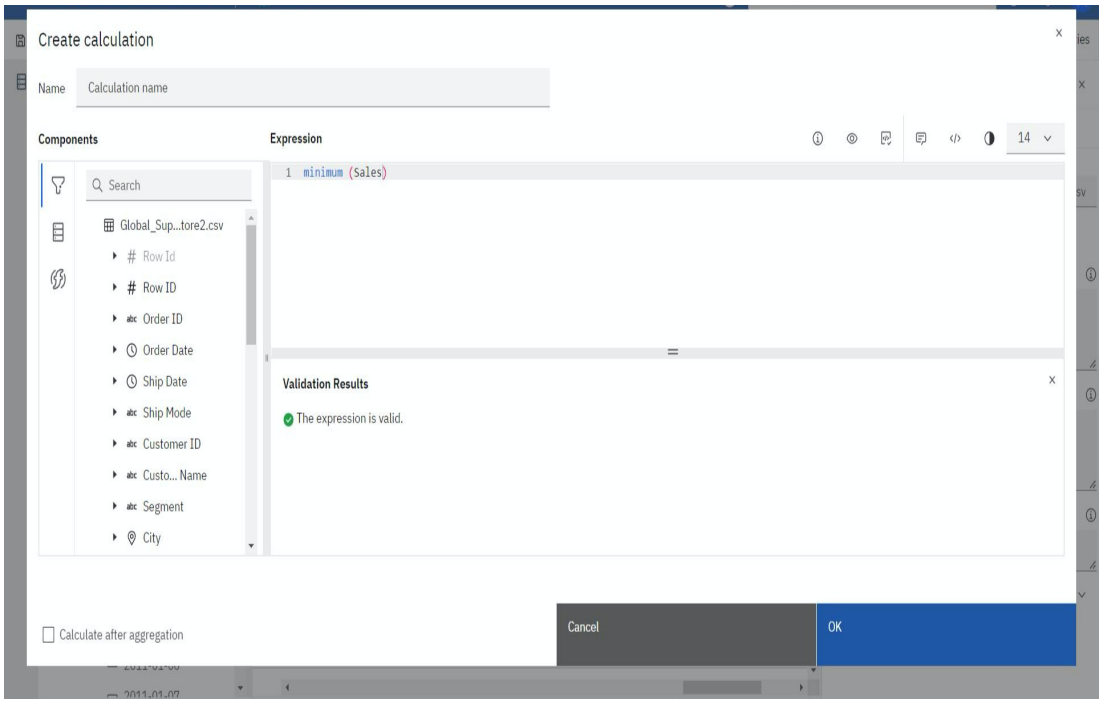


6. Hence calculations for day, month and year are completed.

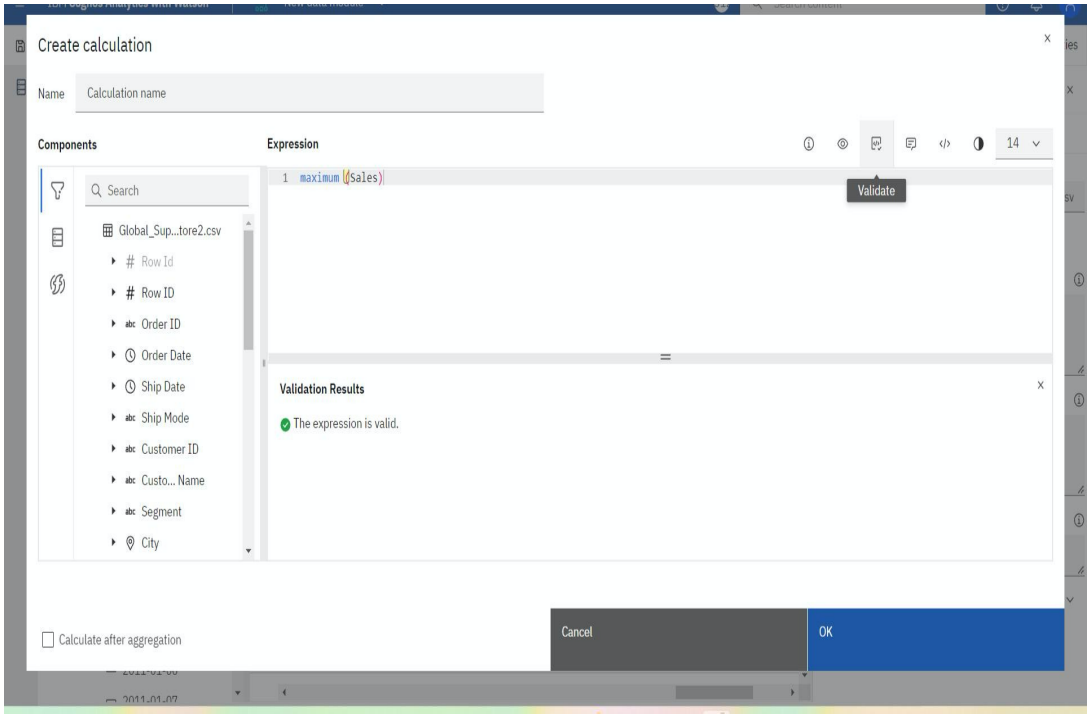
Once you load the data, we need to Prepare the data.
a. Prepare Calculations of Year, Month, Day fields and also the related Navigation path
b. Create a Few more Calculations – Target Sales, Min Sales, Max Sales, Middle Range Sales.

7. Similarly, calculations for Target sales, Min sales, Max Sales and Middle range sales are done
Min sales-> minimum (Sales)
Max sales, Target sales-> maximum (Sales)
Middle range sales-> average (Sales)

Minimum(Sales)



Maximum(Sales)



Middle Range (Sales)