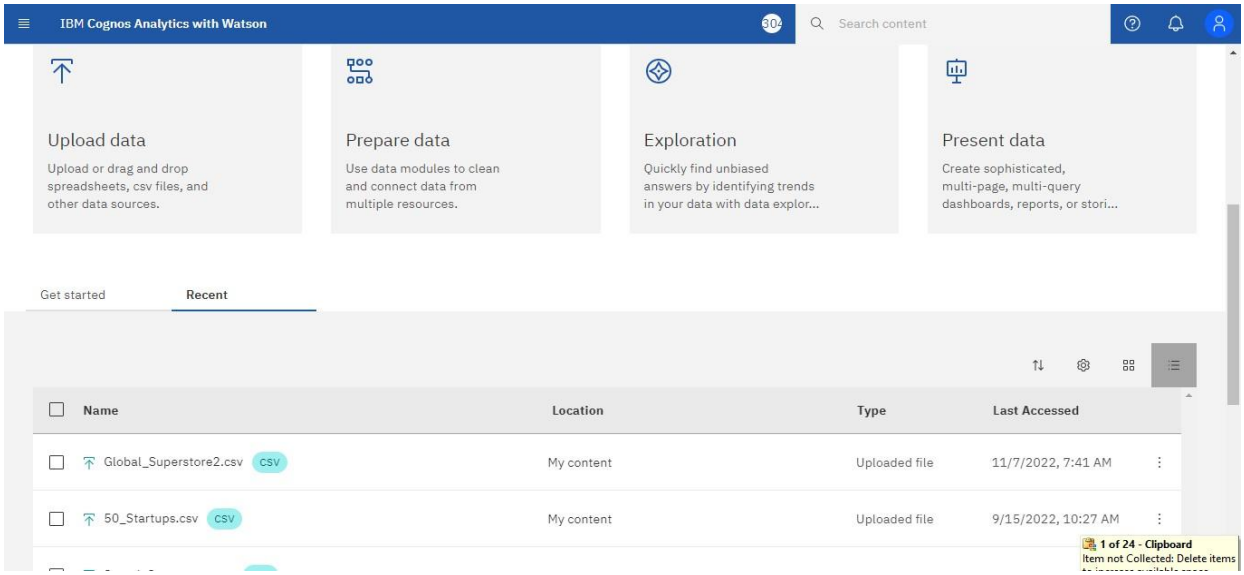
PREPARING THE DATASETS

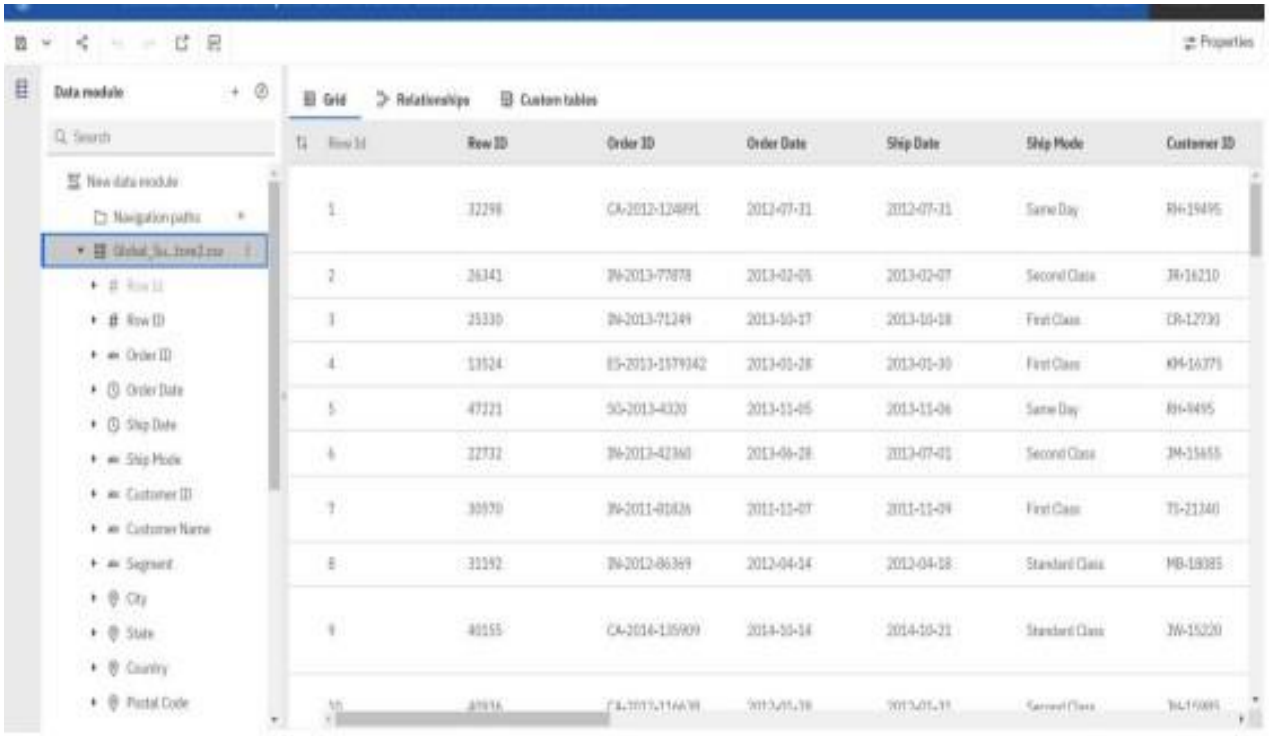
Team ID	PNT2022TMID34242
Project Name	Global Sales Data Analytics

Data Preparation

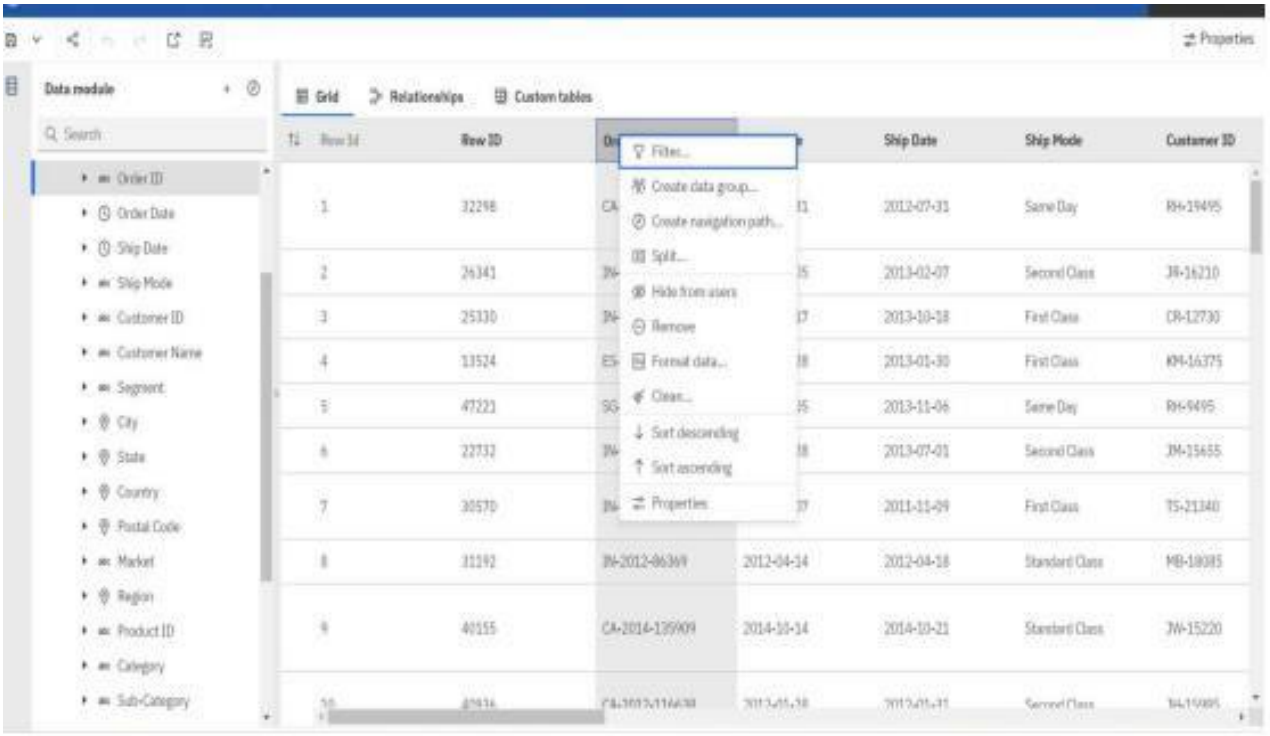
(Uploaded DataSet)

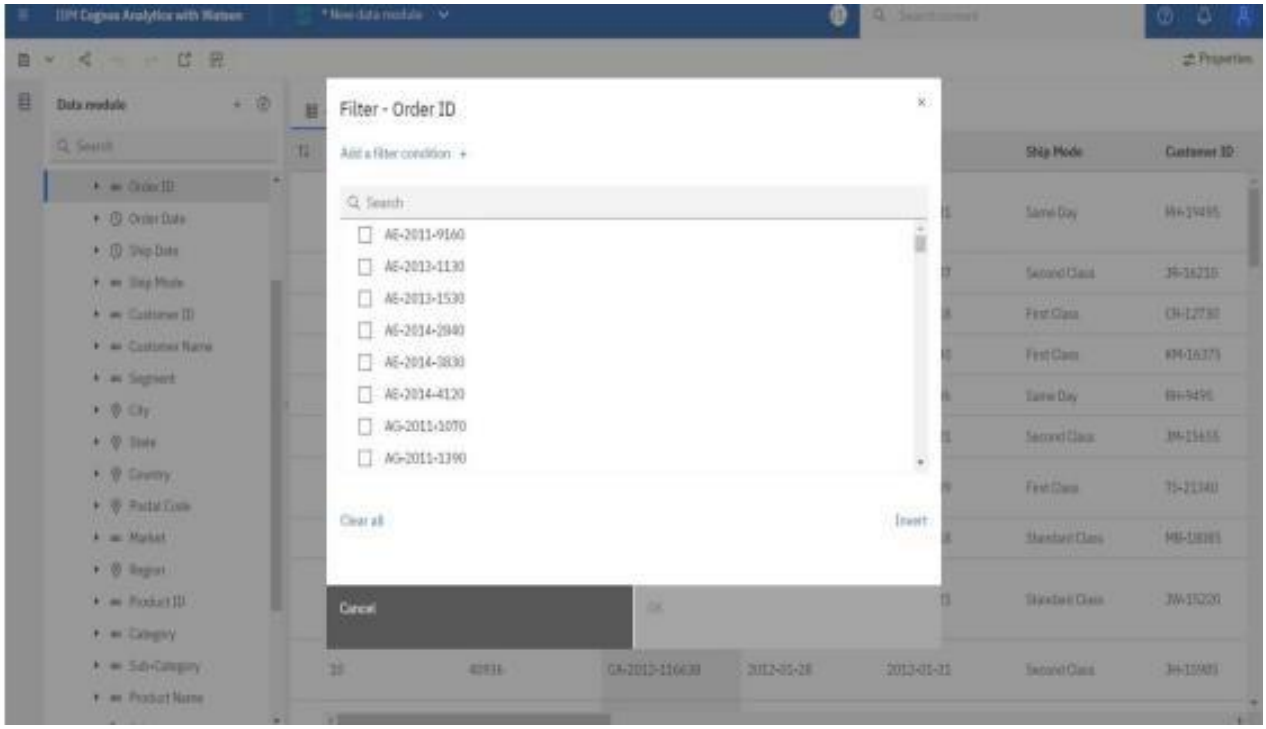


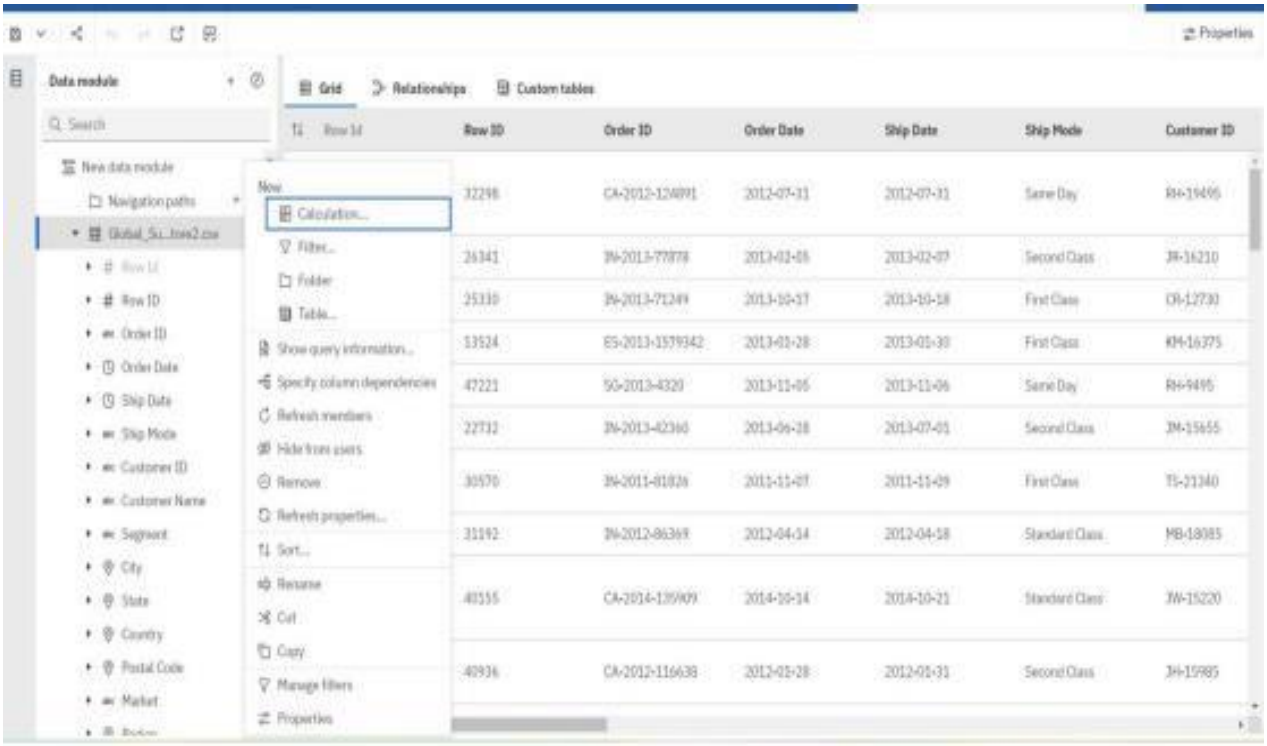
DataSet



We check to see whether there are any null values before we prepare the data.

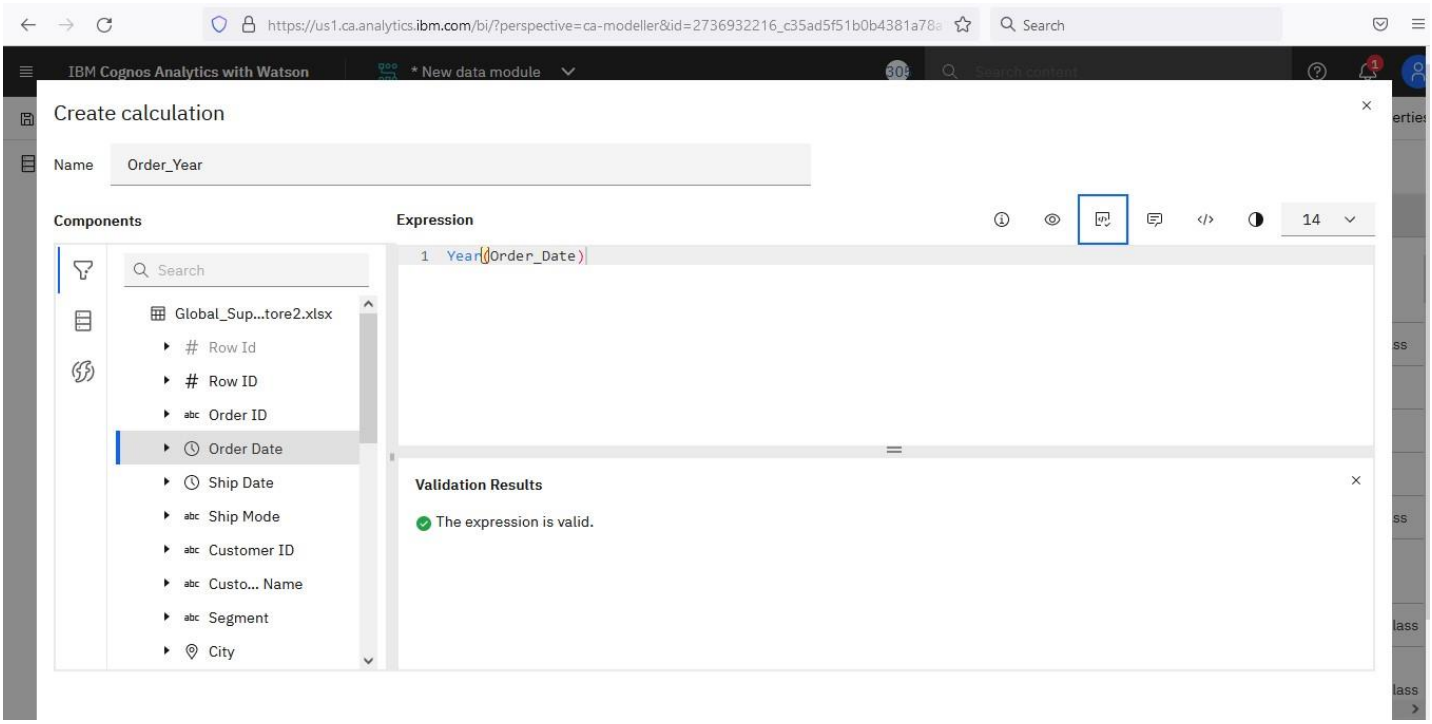

Properties
Data module
Grid
Relationships
Custom tables
Search
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Customer Name
Segment
City
State
Country
Postal Code
Market
Region
Product ID
Category
Sub-Category
Row Id
Row ID
Ship Date
Ship Mode
Customer ID
Filter...
Create data group...
Create navigation path...
Split...
Hide from users
Remove
Format data...
Clean...
Sort descending
Sort ascending
Properties
1 32298 2012-07-31 Same Day RH-19495
2 26341 2013-02-07 Second Class JR-16210
3 25330 2013-10-18 First Class CR-12730
4 13524 2013-01-30 First Class KM-16375
5 47221 2013-11-06 Same Day RH-9495
6 22732 2013-07-01 Second Class JM-15655
7 30570 2011-11-09 First Class TS-21340
8 31192 IN-2012-86369 2012-04-14 2012-04-18 Standard Class MB-18085
9 40155 CA-2014-139909 2014-10-14 2014-10-21 Standard Class JW-15220


Filter - Order ID
Add a filter condition +
Search
AE-2011-9160
AE-2013-1130
AE-2013-1530
AE-2014-2840
AE-2014-3830
AE-2014-4120
AG-2011-1070
AG-2011-1390
Clear all
Invert
Cancel
OK

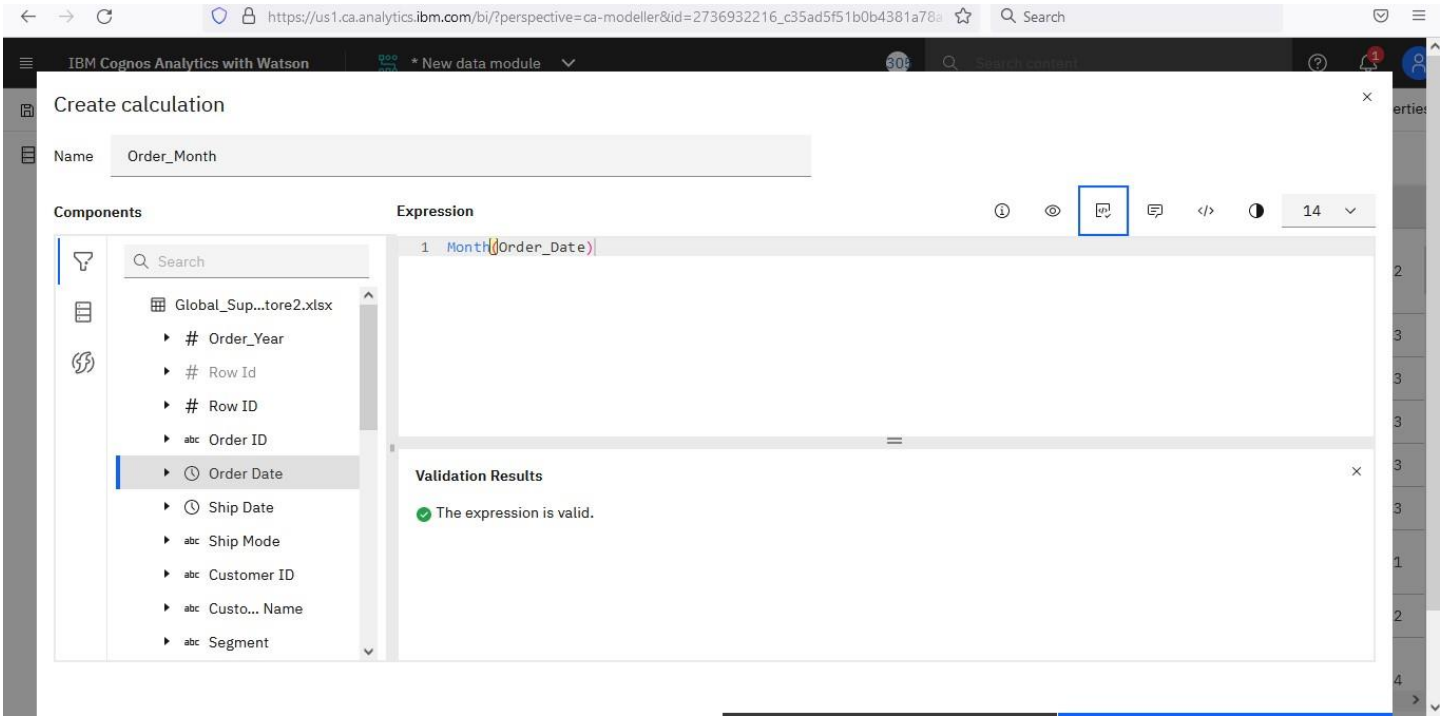


Calculations of Year, Month, Day fields and also the related Navigation path :

Right click -> calculation -> type expression -> validate -> Set Name as ‘Order_Year’

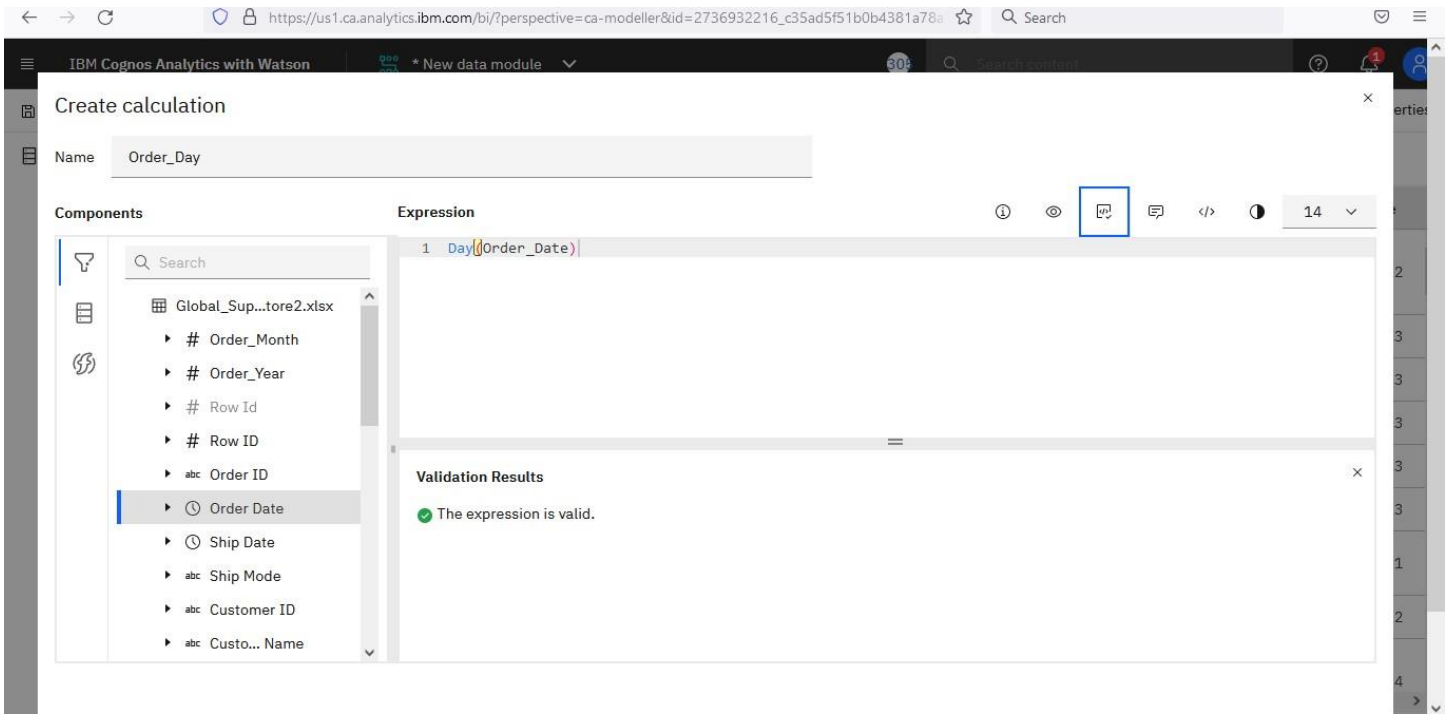


Right click -> calculation -> type expression -> validate -> Set Name as ‘Order_Month’



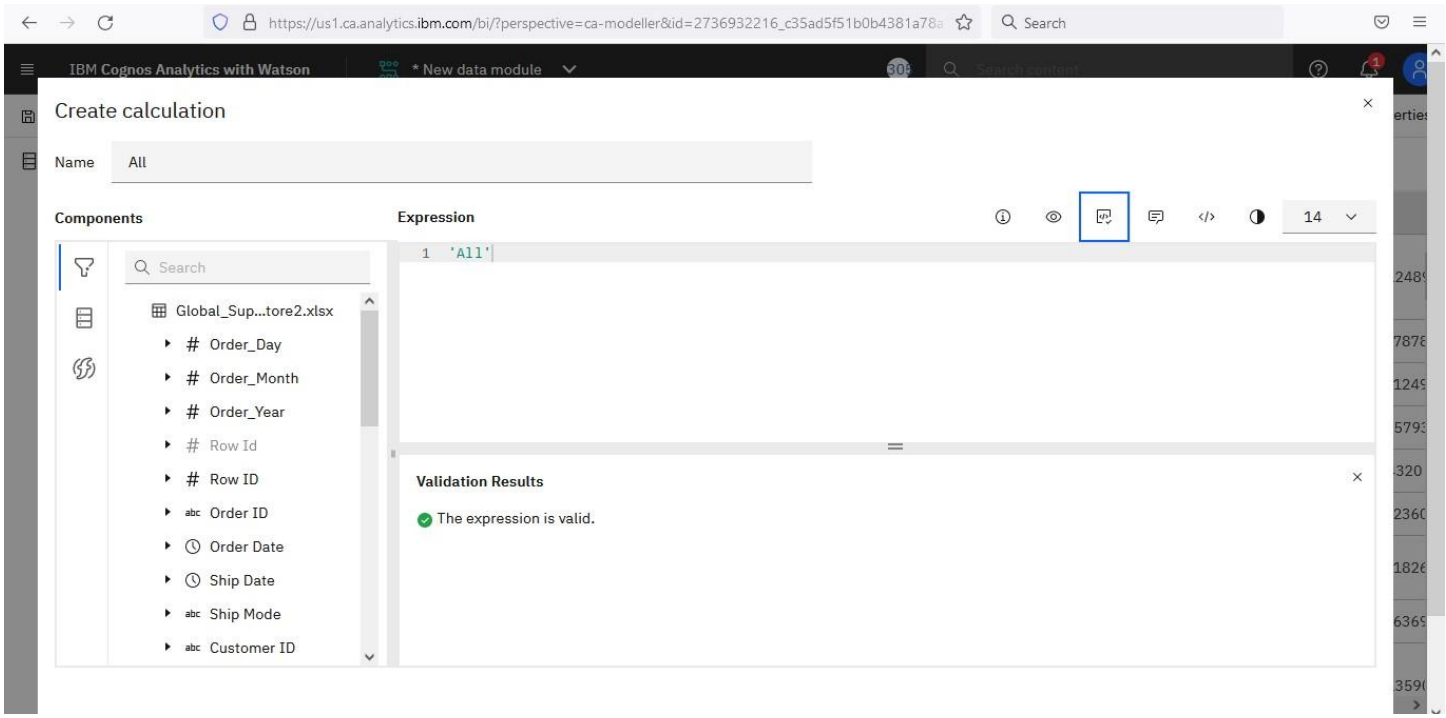
Right click -> calculation -> type expression -> validate -> Set Name as

‘Order_Day’



Right click -> calculation -> type expression -> validate -> Set Name as

‘All’



Properties -> Usage-> Attribute

Aggregate -> Count Distinct

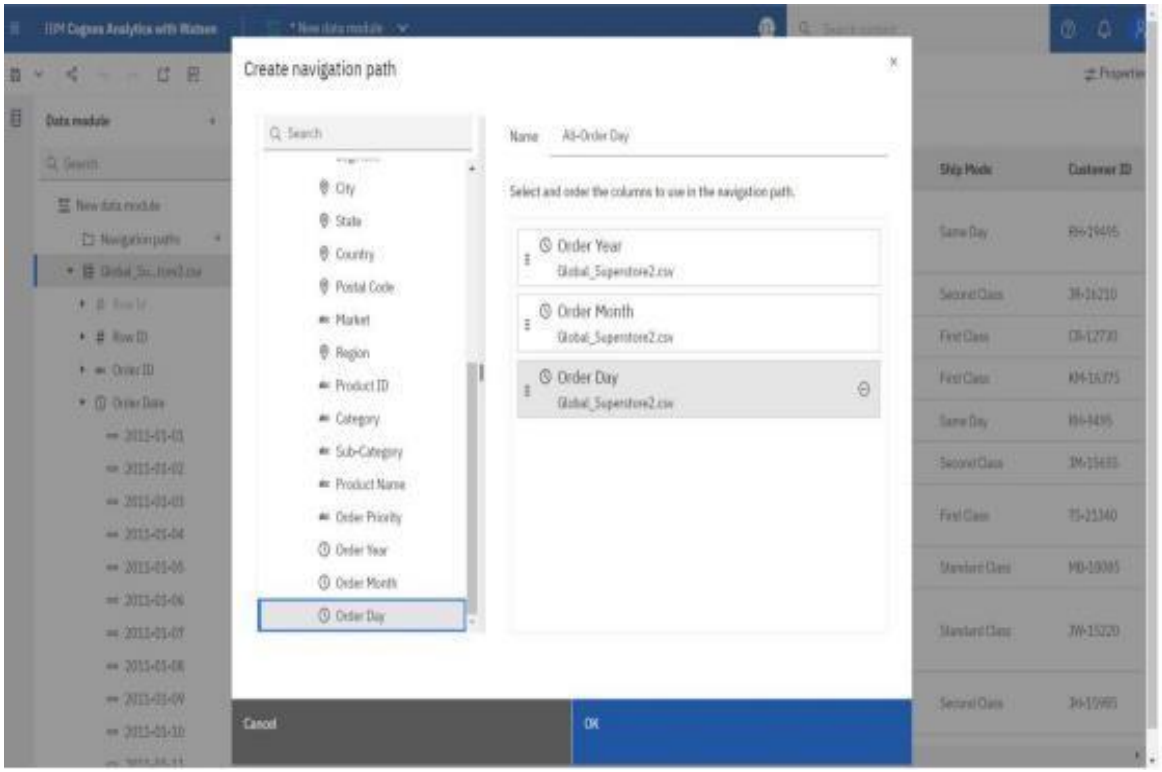
Data Type -> Integer

Represents -> Time, (Year, Month, Day Respectively)

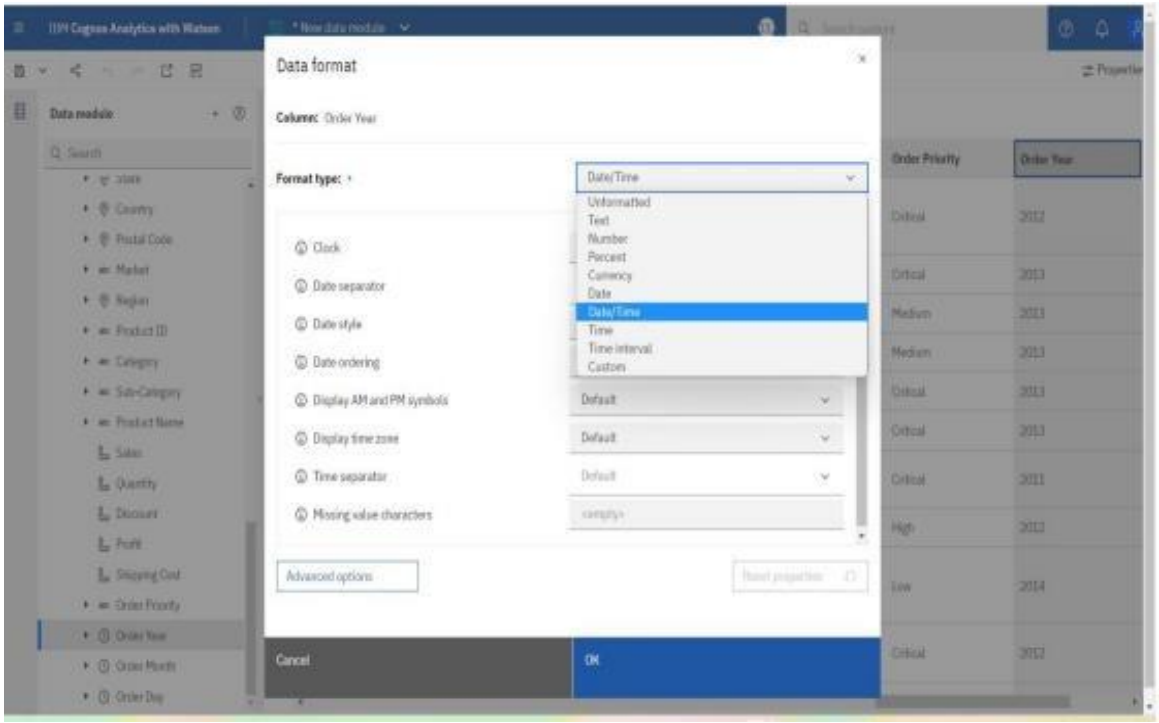
Display Options -> Show Members

This way it becomes a Numerical data Type

Right click on create navigation path



Data format> Date/Time



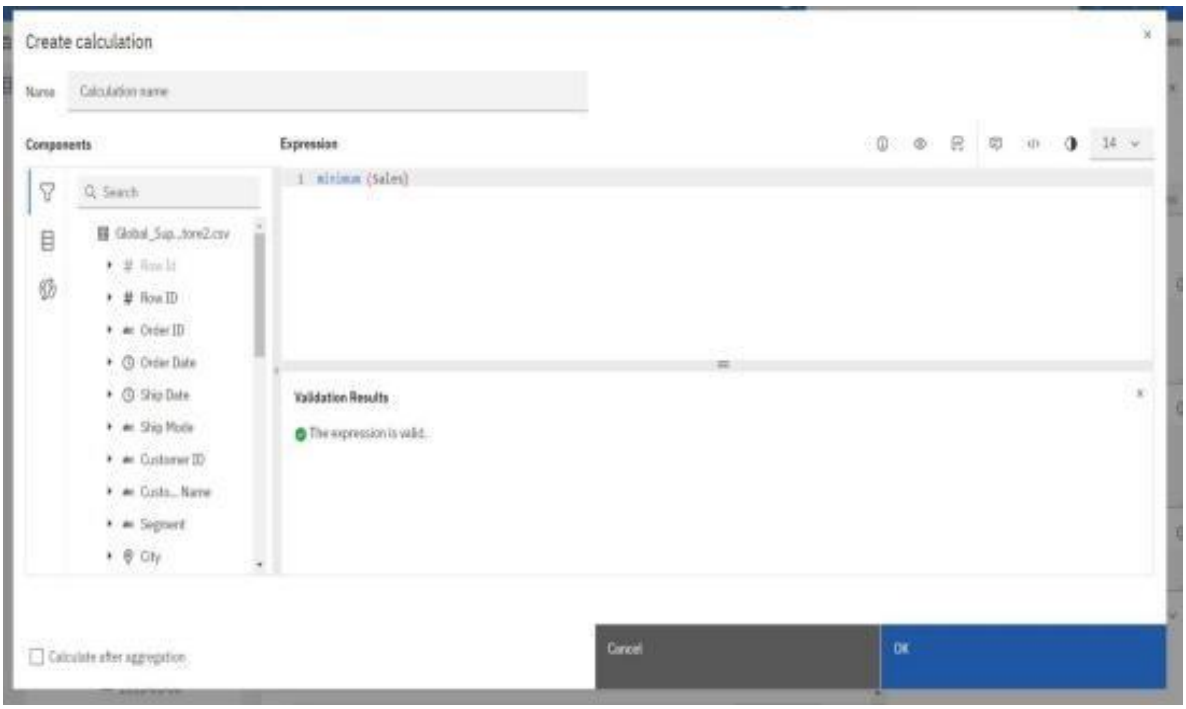
Calculations for Target sales, Min sales, Max Sales and Middle range sales

Min sales -> minimum (Sales)

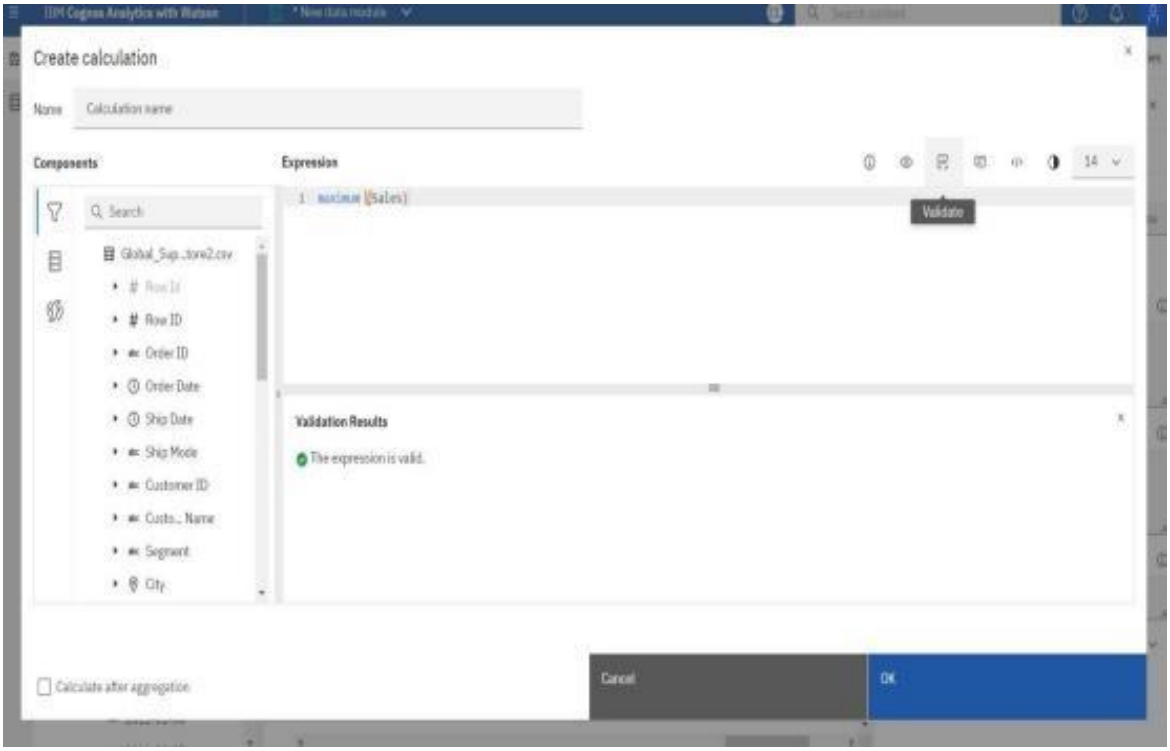
Max sales, Target sales -> maximum (Sales)

Middle range sales -> average (Sales)

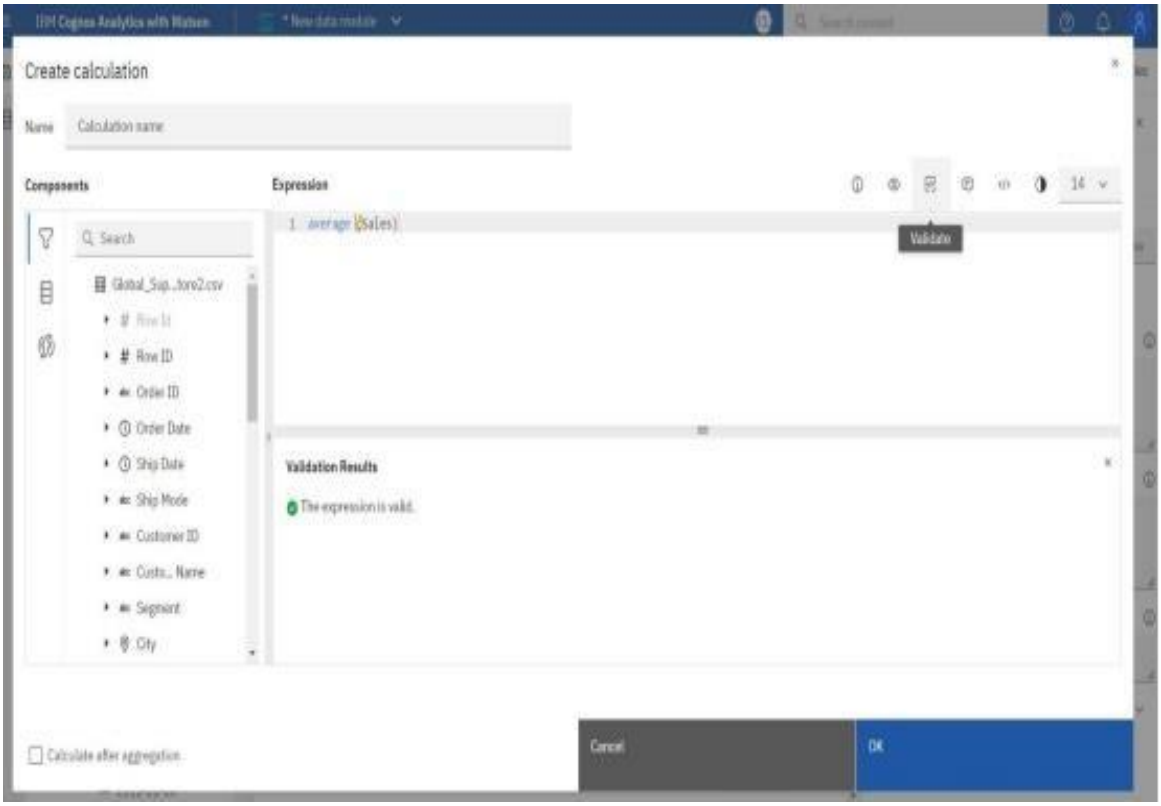
Minimum sales :



Maximum Sales :



Middle Range sales :


Create calculation
Name
Calculation name
Components
Expression
Search
Global_Sup...tore2.csv
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Segment
City
1 average ([Sales])
Validate
Validation Results
The expression is valid.
Calculate after aggregation
Cancel
OK