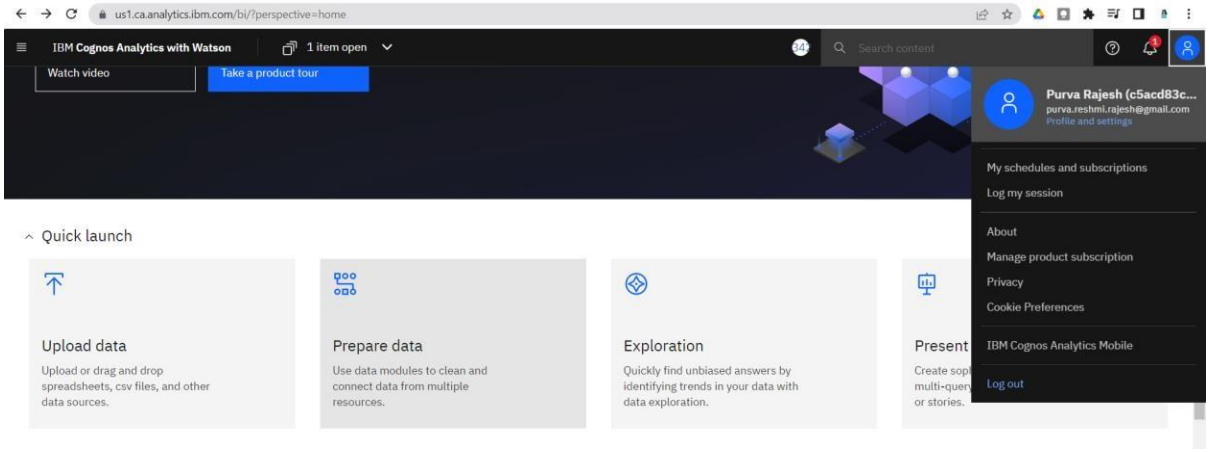
PROJECT ID: PNT2022TMID07554

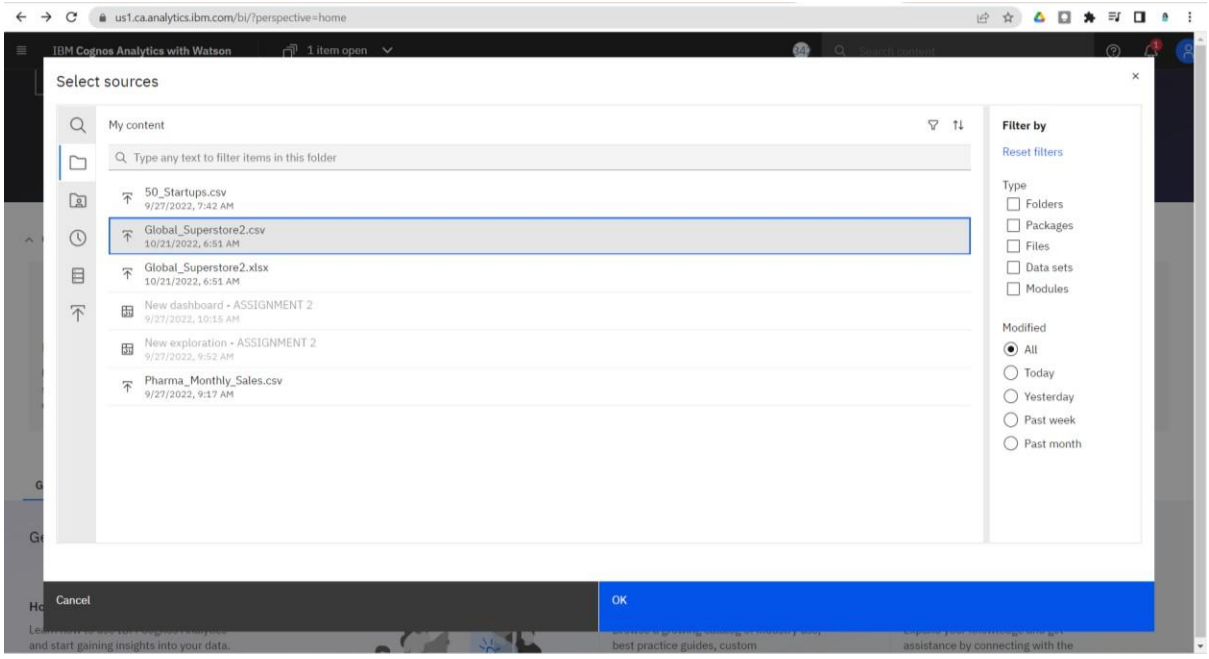
PREPARE THE DATASET

PROJECT: Global Data Sales Analytics

DATA PREPARATION

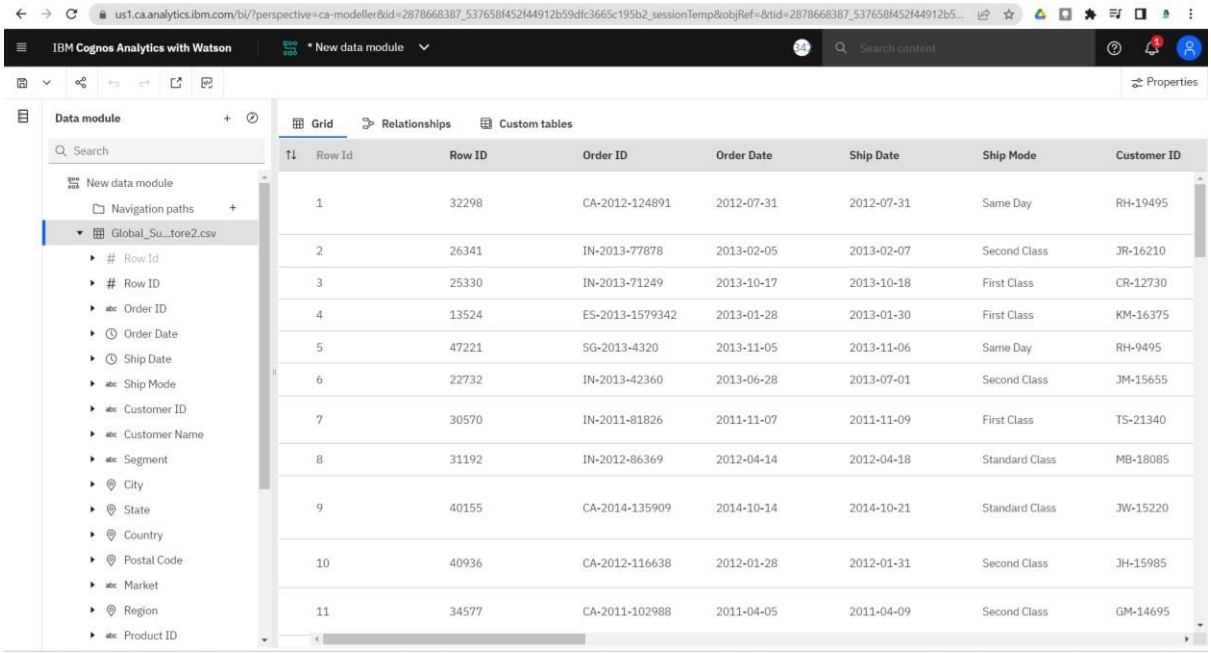
1. First understand and load the data.



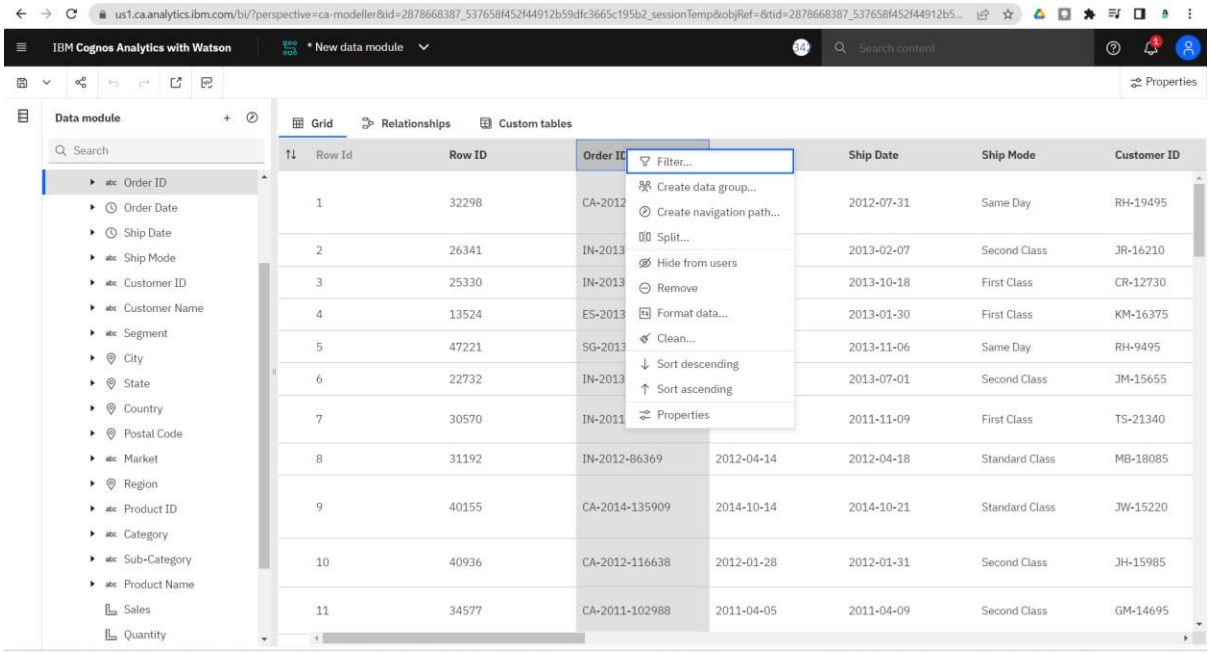


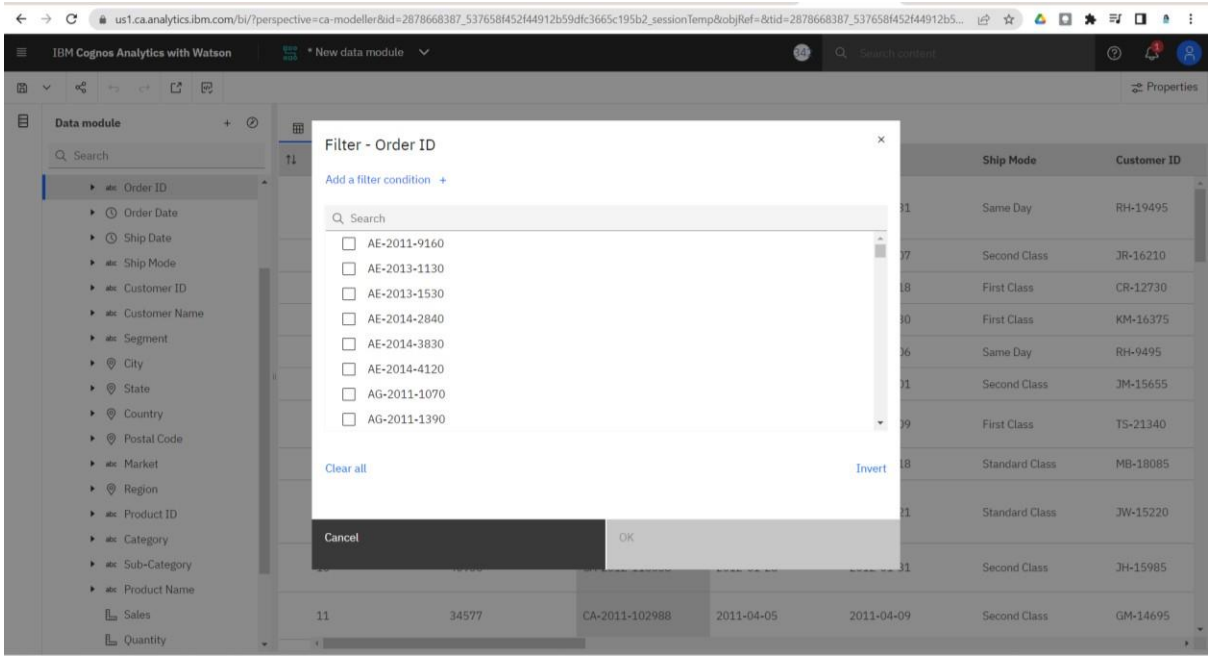
2. Since there is only single file, there need not be relationships or custom tables for the data.

PROJECT ID: PNT2022TMID07554



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.





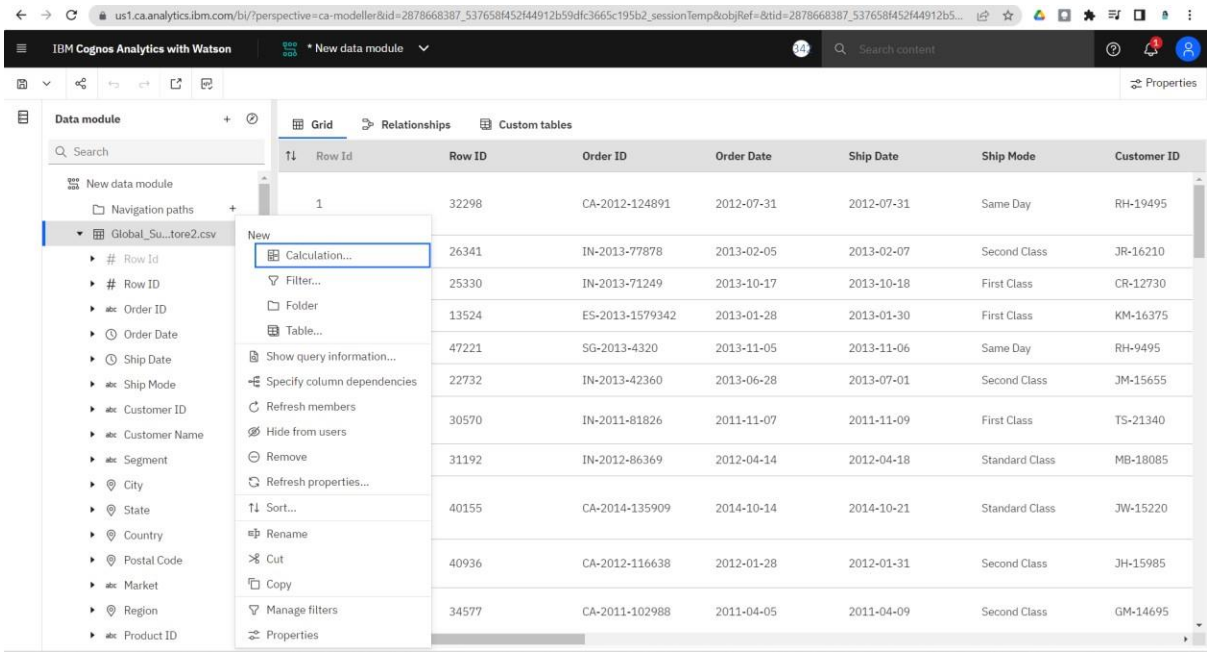
4. Once cleaned, the data is saved.

DATE CALCULATIONS AND NAVIGATION PATHS

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

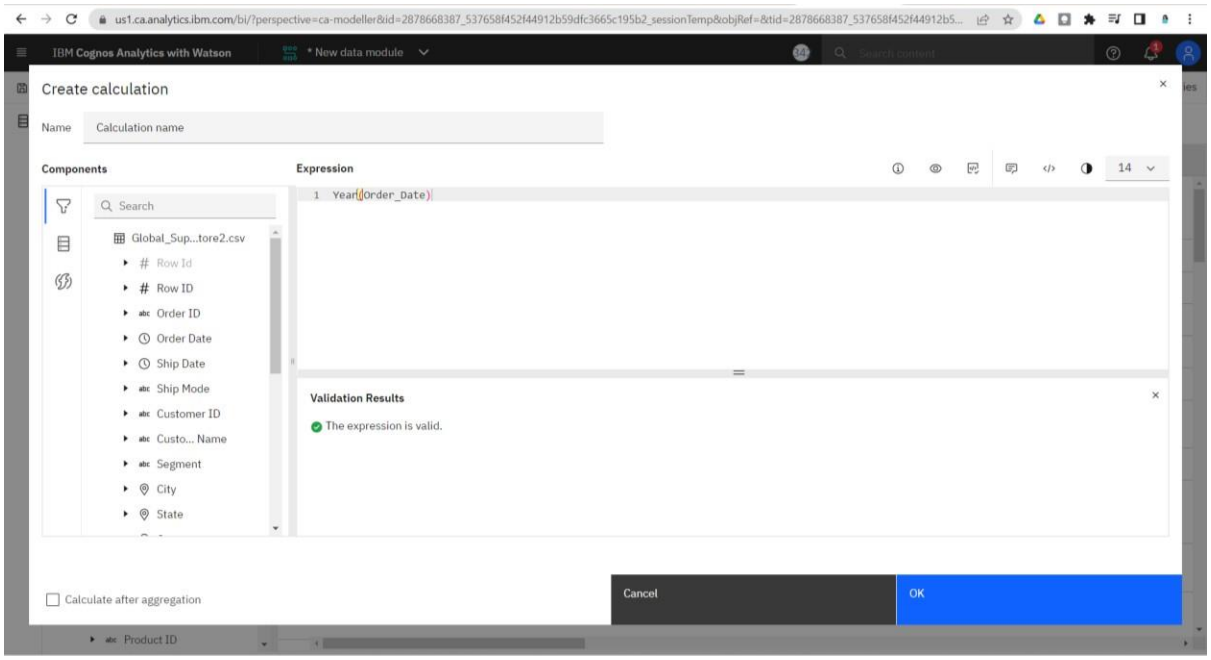
a. Prepare Calculations of Year, Month, Day fields and also the related Navigation path

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



PROJECT ID: PNT2022TMID07554

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



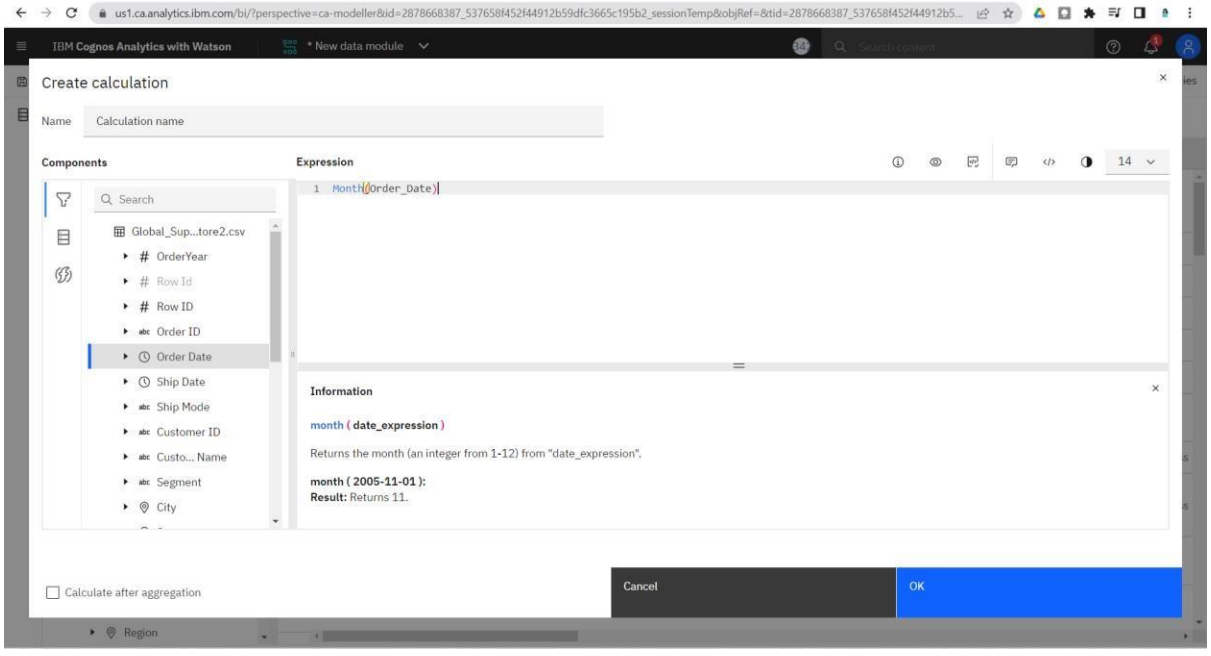
2. Similarly, ‘OrderMonth’, ‘OrderDay’ and ‘All’

OrderYear -> Year (Order_Date)

OrderMonth -> Month (Order_Date)

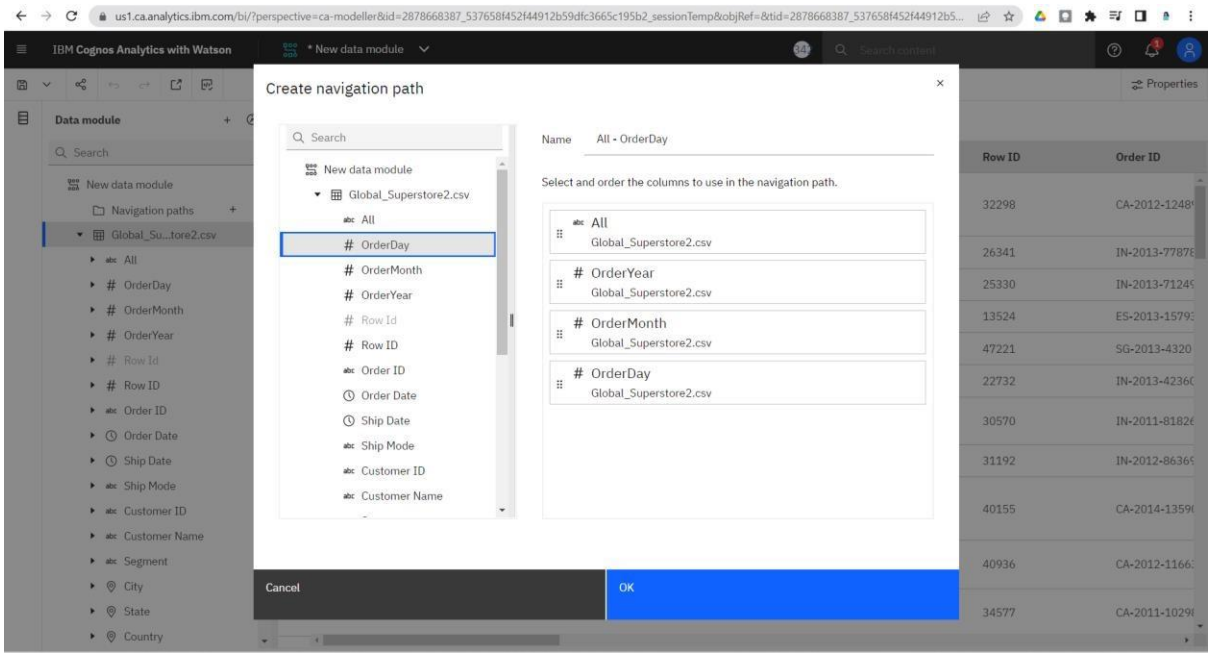
OrderDay -> Day (Order_Date)

All -> All

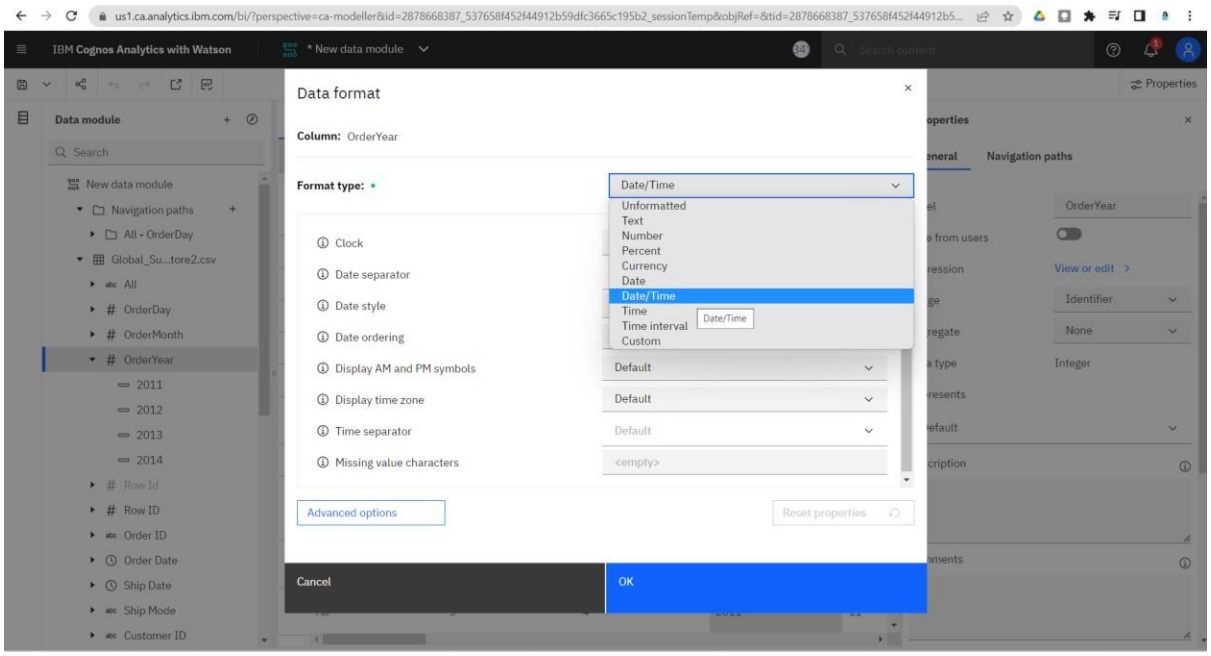


PROJECT ID: PNT2022TMID07554

3. Right click on create navigation path



4. Data format> Date/Time



5. Properties> Usage-> Attribute

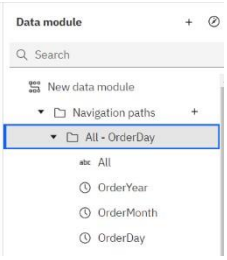
   Aggregate-> Count Distinct

   Data Type-> Integer

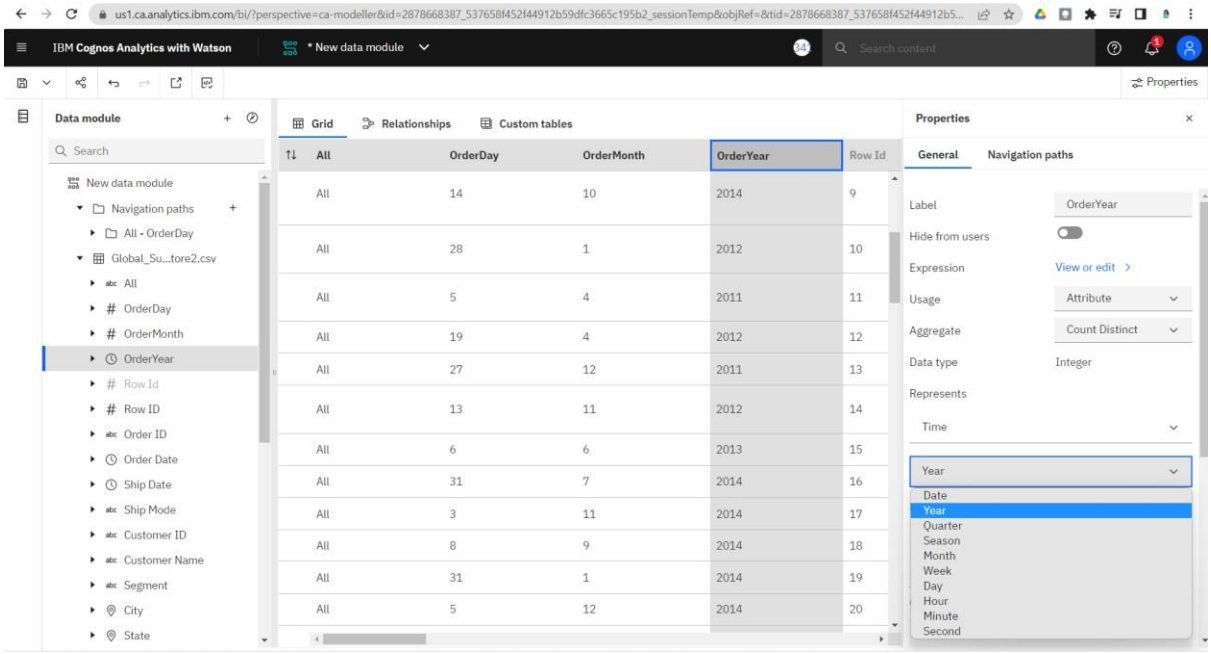
   Represents-> Time, (Year, Month, Day Respectively)

   Display Options-> Show Members

   This way it becomes a Numerical data Type



PROJECT ID: PNT2022TMID07554



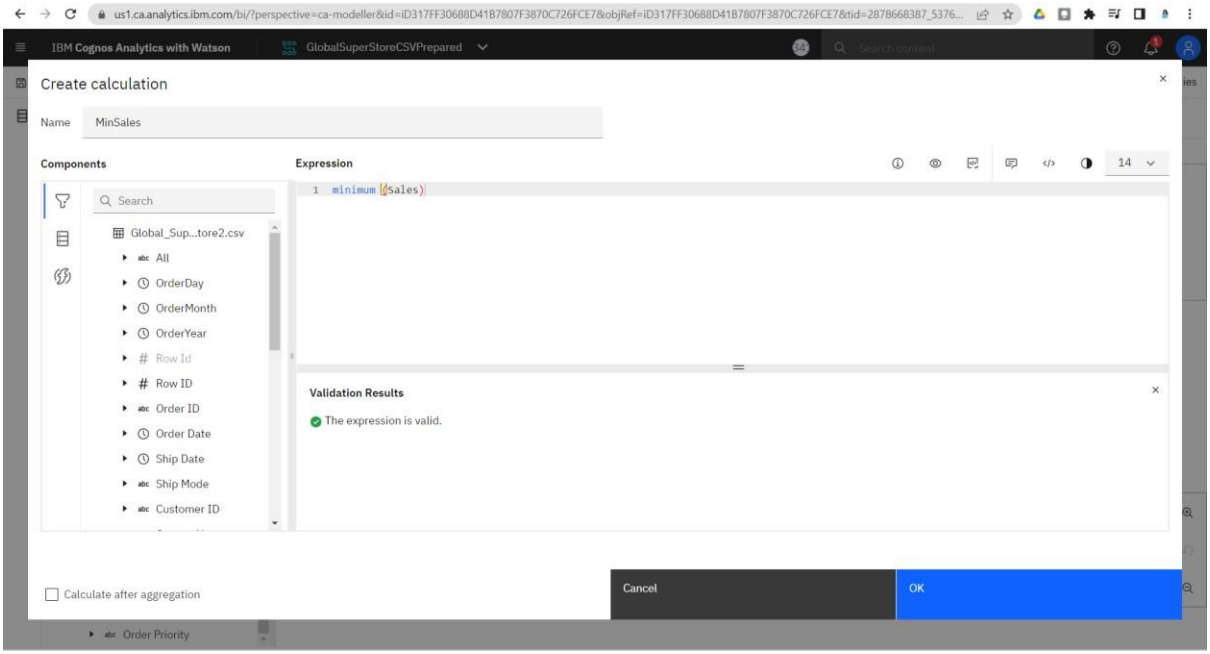
6. Hence calculations for day, month and year are completed.

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)



8. Hence the calculations for Target sales, Min sales, Max Sales and Middle range sales are completed.